

CASE

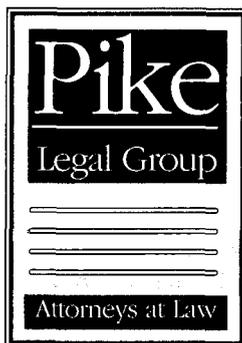
NUMBER:

99-469

Construct
CELL SITE - 426 G. HIGHBAUGH ROAD - BONNIEVILLE

IN THE MATTER OF THE APPLICATION OF CROWN COMMUNICATIONS
INC., TRITEL COMMUNICATIONS, INC. AND TRITEL FINANCE, INC.
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE AND
NECESSITY TO CONSTRUCT A WIRELESS COMMUNICATIONS FACILITY AT
426 G. HIGHBAUGH ROAD, BONNIEVILLE KENTUCKY 42784
IN THE WIRELESS COMMUNICATIONS LICENSE AREA
IN THE COMMONWEALTH OF KENTUCKY
IN THE COUNTY OF HART

SEQ NBR	ENTRY DATE	REMARKS
0001	12/10/1999	Application.
0002	12/10/1999	Acknowledgement letter.
0003	12/15/1999	No deficiencies letter
M0001	01/10/2000	CROWN COMMUNICATIONS DAVID PIKE-MOTION TO SUBMIT FOR EXPEDITED DECISION WITHOUT PUBLIC HEAR
0004	02/24/2000	Final Order granting a Certificate to construct & operate the site.
M0002	05/15/2000	DAVID PIKE-FEDERAL AVIATION ADM APPROVAL/KY AIRPORT ZONING COMMISSION APPROVAL



RECEIVED
MAY 15 2000
PUBLIC SERVICE
COMMISSION

May 11, 2000

Susan G. Hutcherson
Filings Division Manager, Docket Branch
Kentucky Public Service Commission
P.O. Box 615
Frankfort, KY 40602

Re: Applicant: Crown Communication, Inc.
PSC Case No.: 99-469
Crown Site No.: 263-108
Crown Site Name: Bonnieville
Federal Aviation Administration Approval
Kentucky Airport Zoning Commission Approval

Dear Susan:

Please accept this letter and the attached documents as an official filing in the above-referenced Public Service Commission action. The Certificate of Public Convenience and Necessity issued in this action called for the Applicant to file a copy of the Federal Aviation Administration and Kentucky Airport Zoning Commission approvals once they were obtained. Copies of this relevant documentation are attached to this letter for inclusion in the official case file.

If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "D. A. Pike".

David A. Pike
Regional Counsel, Crown Communication Inc.
E-mail: pikelegal@aol.com

DAP/slb

Enclosures



May-09-00 03:13pm From-CCIC

724-416-2254

T-148 P.02/04 F-366

800554/KY-Bonnieville

Federal Aviation Administration
 Southern Region, ASO-520
 P.O. Box 20636
 Atlanta, GA 30320

AERONAUTICAL STUDY
 No: 99-ASO-6348-OE

ISSUED DATE: 01/19/00

SHAWN DUNLAP
 CROWN COMMUNICATION, INC
 375 SOUTHPOINTE BLVD
 CANONSBURG, PA 15317

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Description: NEW ANTENNA TOWER
 SEE ATTACHED FREQUENCIES
 Location: BONNIEVILLE KY
 Latitude: 37-24-25.97 NAD 83
 Longitude: 085-53-10.82
 Heights: 325 feet above ground level (AGL)
 1024 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

-As a condition to this determination, the structure should be marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1J, Obstruction Marking and Lighting, Chapters 4, 8(M-Dual), & 13.

-It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

N/A At least 10 days prior to start of construction
 (7460-2, Part I)

X Within 5 days after construction reaches its greatest height
 (7460-2, Part II)

-See attachment for additional condition(s) or information.

While the structure does not constitute a hazard to air navigation, it would be located within or near a military training area and/or route.

This determination expires on 07/19/01 unless:

- (a) extended, revised or terminated by the issuing office or
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case the determination expires on the date prescribed by the FCC for completion of construction or on the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

May-09-00 03:13pm From-CCIC

724-416-2254

T-148 P.03/04 F-388

-As a result of this structure being critical to flight safety, it is required that the FAA be kept apprised as to the status of this project. Failure to respond to periodic FAA inquiries could invalidate this determination.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, frequency(ies) or use of greater power will void this determination. Any future construction or alteration, including increase in heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at 404-305-5581. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 99-ASO-6348-OE.


Wade Carpenter
Specialist, Airspace Branch

(DNE)

7460-2 Attached
Attachment

May-09-00 03:13pm From-CCIC

724-416-2254

T-148 P.04/04 F-366

fax: (502) 564-7953

No.: AS-050-EKX-99-300



125 Holmes Street
Frankfort, KY 40622

800559/KY-Bonnieville

March 10, 2000

APPROVAL OF APPLICATION

APPLICANT:
CROWN COMMUNICATION INC
SHAWN DUNLAP, REGULATORY COORDINATOR
375 SOUTH POINTE BOULEVARD
Cannonsburg, PA 15317

SUBJECT: AS-050-EKX-99-300

STRUCTURE: Antenna Tower
LOCATION: Bonnieville, KY
COORDINATES: 37°24'25.97"N / 85°53'10.82"W
HEIGHT: 325' AGL/1,024' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct (325' AGL/1,024' AMSL) Antenna Tower near Bonnieville, KY 37°24'26"N, 85°53'11"W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

A copy of the approved application is enclosed for your files.

Dual obstruction lighting is required in accordance with 602 KAR 50:100.

Ronald Bland, Administrator



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
211 SOWER BOULEVARD
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

CERTIFICATE OF SERVICE

RE: Case No. 1999-469
TRITEL FINANCE, INC.

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on February 24, 2000.

See attached parties of record.

Stephanie Bell
Secretary of the Commission

SB/hv
Enclosure

David Burak
Tritel Finance, Inc.
1512 Crums Lane
Louisville, KY. 40216

Lloyd McCarthy
Crown Communication Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY. 40299

Honorable David A. Pike
Attorney for Crown Communication Inc
Pike Legal Group
200 South Buckman Street
P. O. Box 369
Shepherdsville , KY. 40165 0369

Honorable Sandra F. Keene
& Honorable Mark W. Dobbins
Attorneys for Tritel
Tilford, Dobbins, Alexander,
Buckaway & Black
One Riverfront Plaza, Suite 1400
Louisville, KY. 40202

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.,)
TRITEL COMMUNICATIONS, INC. AND TRITEL)
FINANCE, INC. FOR ISSUANCE OF A CERTIFICATE OF)
PUBLIC CONVENIENCE AND NECESSITY TO)
CONSTRUCT A WIRELESS COMMUNICATIONS)CASE NO. 99-469
FACILITY AT 426 G. HIGHBAUGH ROAD, BONNIEVILLE)
KENTUCKY 42784 IN THE WIRELESS COMMUNICATIONS)
LICENSE AREA IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF HART SITE NAME: 263-108)
SITE NUMBER: BONNIEVILLE)

O R D E R

On December 10, 1999, Crown Communication Inc. ("Crown"), as ultimate owner, and Tritel Communications, Inc. and Tritel Finance, Inc. filed an application seeking a Certificate of Public Convenience and Necessity to build a cellular radio telecommunications system for the Louisville Major Trading Area ("MTA"). Crown has requested authorization to construct a cell site in Hart County, and Tritel has provided evidence that the public convenience and necessity will be served by the proposed construction.

The proposed cell site consists of a 300-foot or less guyed antenna tower to be located at 426 G. Highbaugh Road, Bonnieville, Hart County, Kentucky ("the 263-108

site"). The coordinates for the 263-108 site are North Latitude 37° 24' 25.97" by West Longitude 85° 53' 10.82".

Crown has provided information regarding the structure of the tower, safety measures, and antenna design criteria for the 263-108 site. Based upon the application, the design of the tower and foundation conforms to applicable nationally recognized building standards, and a Registered Professional Engineer has certified the plans.

Pursuant to 807 KAR 5:063, Section 1, Crown notified the Hart County Judge/ Executive of the pending construction. Crown has filed applications with the Federal Aviation Administration ("FAA") and the Kentucky Airport Zoning Commission ("KAZC") seeking approval for the construction and operation of the 263-108 site. Both applications are pending.

Crown has filed notices verifying that each person who owns property within 500 feet of the 263-108 site has been notified of the pending construction. The notice solicited any comments and informed the property owners of their right to intervene. In addition, notices were published in a newspaper of general circulation in Hart County and were posted in a visible location on the proposed site and on the nearest public road. The notices remained posted for at least two weeks after Crown's application was filed. To date, no intervention requests have been received.

Pursuant to KRS 278.280, the Commission is required to determine proper practices to be observed when it finds, upon complaint or on its own motion, that the facilities of any utility subject to its jurisdiction are unreasonable, unsafe, improper, or insufficient. To assist the Commission in its efforts to comply with this mandate, Crown

should notify the Commission if it does not use this antenna tower to provide cellular radio telecommunications services in the manner set out in its application and this Order. Upon receipt of such notice, the Commission may, on its own motion, institute proceedings to consider the proper practices, including removal of the unused antenna tower, which should be observed by Crown.

The Commission, having considered the evidence of record and being otherwise sufficiently advised, finds that Crown should be granted a Certificate of Public Convenience and Necessity to construct the 263-108 site in the Louisville MTA under its previously approved tariff.

IT IS THEREFORE ORDERED that:

1. Crown is granted a Certificate of Public Convenience and Necessity to construct and operate the 263-108 site.
2. Crown shall file a copy of the final decisions regarding the pending FAA and KAZC applications for this cell site construction within 10 days of receiving these decisions.
3. Crown shall immediately notify the Commission in writing, if, after the antenna tower is built and utility service is commenced, the tower is not used for a period of 3 months in the manner authorized by this Order.

Done at Frankfort, Kentucky, this 24th day of February, 2000.

By the Commission

ATTEST:


Executive Director

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

RECEIVED

JAN 10 2000

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.,)
TRITEL COMMUNICATIONS, INC. AND TRITEL FINANCE,)
INC, FOR ISSUANCE OF A CERTIFICATE OF PUBLIC)
CONVENIENCE AND NECESSITY TO CONSTRUCT)
A WIRELESS COMMUNICATIONS FACILITY AT)
426 G. HIGHBAUGH ROAD, BONNIEVILLE, KY 42784)
IN THE WIRELESS COMMUNICATIONS LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF HART)
SITE NAME: BONNIEVILLE)
SITE NUMBER: 263-108)

CASE NO.: 99-469

**MOTION TO SUBMIT
FOR EXPEDITED DECISION WITHOUT PUBLIC HEARING**

Come Crown Communication Inc. ("Crown"), as ultimate owner, and Tritel Communications, Inc. and Tritel Finance, Inc. (both Tritel entities jointly referred to as "Provider"), as a licensed public utility in the Commonwealth of Kentucky, hereinafter jointly referred to as "Applicants", by counsel, and move the Kentucky Public Service Commission ("PSC") to promptly grant a Certificate of Public Convenience and Necessity ("CPCN") in the within Application proceeding based on the following facts and circumstances:

1. The Applicants have met all filing requirements under the Kentucky Revised Statutes and the Kentucky Administrative Regulations applicable to this proceeding.
2. There are no Interveners in this proceeding after Notice has been afforded pursuant to the terms of the Kentucky Revised Statutes and the Kentucky Administrative Regulations.

3. The Wireless Communications Facility ("WCF") which is the subject of this Application for a CPCN is a vital element of the Provider's wireless communications network, and is necessary to provide service in accordance with provisions of its license with the Federal Communications Commission.

4. The county where the WCF is located has not registered to regulate cell sites with the PSC, and has not adopted planning and zoning regulations in accordance with KRS 100.

5. The Application in this administrative proceeding was originally filed with the PSC on December 10, 1999, thirty-one days before the submission of this Motion.

WHEREFORE, the Applicants, by counsel, urge the PSC to promptly grant a CPCN in accordance with the terms of the Application in this proceeding without public hearing.

Respectfully submitted,



David A. Pike
Pike Legal Group
200 S. Buckman Street
Post Office Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410
E-Mail: pikelegal@aol.com
ATTORNEY FOR CROWN COMMUNICATION INC.

and

Mark W. Dobbins
Sandra F. Keene
Tilford, Dobbins, Alexander, Buckaway & Black
One Riverfront Plaza, Suite 1400
Louisville, KY 40202
Telephone: (502) 584-6137
ATTORNEYS FOR TRITEL COMMUNICATIONS, INC.
AND TRITEL FINANCE, INC.



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

December 15, 1999

To: All parties of record

RE: Case No. 1999-469
TRITEL FINANCE, INC.

The Commission staff has reviewed your application in the above case and finds that it meets the minimum filing requirements. Enclosed please find a stamped filed copy of the first page of your filing. This case has been docketed and will be processed as expeditiously as possible.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission

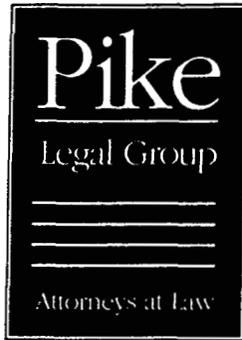
SB/hv
Enclosure

David Burak
Tritel Finance, Inc.
1512 Crums Lane
Louisville, KY. 40216

Lloyd McCarthy
Crown Communication Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY. 40299

Honorable David A. Pike
Attorney for Crown Communication Inc
Pike Legal Group
200 South Buckman Street
P. O. Box 369
Shepherdsville , KY. 40165 0369

Honorable Sandra F. Keene
& Honorable Mark W. Dobbins
Attorneys for Tritel
Tilford, Dobbins, Alexander,
Buckaway & Black
One Riverfront Plaza, Suite 1400
Louisville, KY. 40202



RECEIVED

DEC 1 0 1999

PUBLIC SERVICE
COMMISSION

December 9, 1999

FILED

DEC 1 0 1999

PUBLIC SERVICE
COMMISSION

VIA HAND DELIVERY

Helen C. Helton
Executive Director
Kentucky Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, Kentucky 40602

Re: Request for Waiver for From Requirements for Duplicate Initial Filing
PSC Case Number: 99-469
Site Name: Bonnieville
Site Number: 263-108

Dear Helen:

Please accept this letter as our formal application for waiver of the requirement that an original and ten (10) copies of an initial application for issuance of Certificate of Public Convenience and Necessity be filed with the Kentucky Public Service Commission in wireless communications facilities cases. As is the normal custom, we request that we be allowed to file an original and five (5) copies of our application for Certificate of Public Convenience and Necessity.

Thank you for your courtesy. If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "D. Pike".

David A. Pike
Regional Counsel for Crown Communication Inc.

DAP:slb

For Inclusion in Application File





COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

December 10, 1999

To: All parties of record

RE: Case No. 1999-469
TRITEL FINANCE, INC.
(Construct) CELL SITE - 426 G. HIGHBAUGH ROAD - BONNIEVILLE

This letter is to acknowledge receipt of initial application in the above case. The application was date-stamped received December 10, 1999 and has been assigned Case No. 1999-469. In all future correspondence or filings in connection with this case, please reference the above case number.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,


Stephanie Bell
Secretary of the Commission

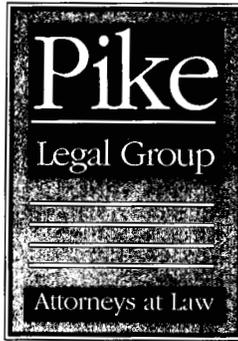
SB/jc

David Burak
Tritel Finance, Inc.
1512 Crums Lane
Louisville, KY. 40216

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RECEIVED

DEC 1 0 1999

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FILED

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VIA HAND DELIVERY

Helen C. Helton
Executive Director
Kentucky Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, Kentucky 40602

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PSC Case Number: 99-469
Site Name: Bonnieville
Site Number: 263-108

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Thank you for your courtesy. If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

David A. Pike
Regional Counsel for Crown Communication Inc.

DAP:slb

For Inclusion in Application File



COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

DEC 1 0 1999

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.,)
TRITEL COMMUNICATIONS, INC. AND TRITEL)
FINANCE, INC. FOR ISSUANCE OF A CERTIFICATE OF) CASE NO.: 99-469
PUBLIC CONVENIENCE AND NECESSITY TO)
CONSTRUCT A WIRELESS COMMUNICATIONS)
FACILITY AT 426 G. HIGHBAUGH ROAD, BONNIEVILLE)
KENTUCKY 42784)
IN THE WIRELESS COMMUNICATIONS LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF HART)

SITE NAME: 263-108
SITE NUMBER: BONNIEVILLE

Crown Communication Inc. ("Crown"), as ultimate owner, and Tritel Communications, Inc. and Tritel Finance, Inc. (both Tritel entities jointly referred to as "Provider"), as a licensed public utility in the Commonwealth of Kentucky, hereinafter jointly referred to as "Applicants", by counsel, pursuant to (i) KRS 278.020 and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit their Application for a Certificate of Public Convenience and Necessity ("CPCN") from the Public Service Commission of Kentucky ("PSC") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of the Provider with wireless telecommunications services, and other wireless service provider collocations in the area described herein.

In support of this Application, the Applicants respectfully provide and state the

following information:

1. The complete names and addresses of the Applicants are:

Crown Communication Inc., a Delaware Corporation, 375 Southpointe Boulevard, Canonsburg, PA 15317, (724) 416-2000, having a local address of Commonwealth Business Center, 11001 Bluegrass Parkway, Suite 330, Louisville, Kentucky 40299, (502) 240-0044.

Tritel Communications, Inc., a Delaware Corporation, 1410 Livingston Lane, Jackson, Mississippi 39213 (601) 362-2200, having a local address of 2351 Nelson Miller Parkway, Suite 103, Louisville, Kentucky 40223.

Tritel Finance, Inc., a Delaware Corporation, 1410 Livingston Lane, Jackson, Mississippi 39213 (601) 362-2200, having a local address of 2351 Nelson Miller Parkway, Suite 103, Louisville, Kentucky 40223.

2. Crown constructs, owns, manages, maintains, and operates independent communications networks. Crown owns and manages safe, clean, and well-maintained facilities. Crown facilities do not generate smoke, odors, noise, noxious gases, vibrations, or increase traffic. Studies show that Crown's facilities will not pollute air, soil, or water, nor will they adversely affect radio or television reception or transmission. A certified copy of the Certificate of Authority issued by the Secretary of State of the Commonwealth of Kentucky and a certified copy of the Articles of Incorporation issued by the Secretary of State of Delaware for Crown are attached or described as part of **Exhibit A**.

3. After completion of the proposed WCF, Crown will lease or license space on said tower and the surrounding site so that the Provider may locate and operate its facility including all required antennas and appurtenances. The proposed WCF will serve an area completely within the Provider's Federal Communications Commission "FCC" licensed

service area in the Commonwealth of Kentucky. The Provider is authorized to provide wireless services by the FCC and the PSC. In compliance with the PSC's Order in Administrative Case No. 370, Provider previously filed with the PSC its Notice of Intent to Construct and Operate a Commercial Mobile Radio Service ("CMRS") Transmission System with the Commonwealth of Kentucky. Included with said Notice were copies of Provider's Articles of Incorporation and FCC license. Tritel also has filed a Tariff with the PSC (Tariff No. 60-0067). Crown has located the proposed site in a manner such that other wireless communications service providers will desire to collocate on said tower, and will endeavor to provide all necessary facilities to make collocation attractive to them.

4. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring the Provider's services to an area currently not served by the Provider and will thereby enhance the public's access to innovative and competitive wireless telecommunications services. The WCF will provide a necessary link in the Provider's telecommunications network that is designed to meet the increasing demands for wireless services in Kentucky's wireless communications licensed area. The WCF is an integral link in the Provider's network design that must be in place to cover the proposed service area.

5. Crown's construction of the described WCF is desirable because it allows for the collocation of additional wireless service providers within this portion of the Kentucky wireless communications licensed area. These services may include telecommunications, wireless data transfer and Internet services, wireless cable, paging systems, 911 service, and other new products currently being developed in the wireless

industry. In addition, the WCF will be available for use by governmental agencies and providers of emergency services. The WCF will provide a necessary link in Crown's wireless infrastructure network, and Crown, as part of its business structure, will diligently pursue and encourage other wireless providers to collocate on the WCF. These services will provide increased competition in the local Kentucky telecommunications market, which will, in turn, promote competitive pricing, quality, and coverage options to users of telecommunications services in this area. Crown's vested interest in the collocation of wireless service providers promotes the same goals for the local consumers.

6. The Applicants propose to construct a WCF at 426 G. Highbaugh Road, Bonnieville, Kentucky 42784 (37° 24' 25.97" North latitude, 85° 53'10.82" West longitude), in an area located entirely within the county referenced in the caption of this application.

The property on which the WCF will be located is owned by Michael and Gladys Olshefski. The proposed WCF will consist of a 300-foot Guyed tower, with an approximately 20-foot lightning arrestor attached at the top, for a total height of 320 feet.

The WCF will also include concrete foundations to accommodate the placement of the Provider's proprietary radio electronics equipment. The equipment will be housed in a prefabricated cabinet or shelter that will contain: (i) the transmitting and receiving equipment required to connect the WCF with the Provider's users in Kentucky, (ii) telephone lines that will link the WCF with the Provider's other facilities, (iii) battery back-up that will allow the Provider to operate even after a loss of outside power, and (iv) all other necessary appurtenances. The Provider's equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector.

The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit B** and **Exhibit C**. Periodic inspections will be performed on the WCF in accordance with the applicable regulations or requirements of the PSC. The list of competing utilities, corporations, or persons is attached as **Exhibit D**.

7. Reduced copies of the site development plan have been included as **Exhibit B** and **Exhibit C** of this Application. A vertical profile sketch of the WCF signed and sealed by a professional engineer registered in Kentucky depicting the tower height, as well as a proposed configuration for the antennas of the Provider and future antenna mounts, has also been included as part of **Exhibit B**. Foundation design plans and a description of the standards according to which the tower was designed signed and sealed by a professional engineer registered in Kentucky is included as part of **Exhibit C**.

8. The Applicants have considered the likely effects of the installation on nearby land uses and values and have concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to collocate. The Applicants have attempted to collocate on suitable existing structures such as a telecommunications towers or other suitable structures capable of supporting the Provider's facilities. No other suitable and available collocation site was found to be located in the vicinity of the site. Information regarding the Applicants' efforts to achieve collocation in the vicinity are presented as **Exhibit E**.

9. The Applicants have conducted a preliminary aeronautical evaluation for the

proposed WCF. The evaluation determined that the proposed structure height at this site meets Federal Aviation Administration ("FAA") Regulation requirements. Furthermore, FAA notice is required for the proposed construction, and lighting or marking requirements may be applicable to this facility. A copy of the FAA Application is attached as **Exhibit F**. Upon receiving authorization from the FAA, the Applicants will forward a copy of the determination as a supplement to this Application proceeding.

10. A copy of the Kentucky Airport Zoning Commission ("KAZC") Application for the proposed WCF is attached as **Exhibit G**. Upon receiving authorization from the KAZC, the Applicants will forward a copy of the determination as a supplement to this Application proceeding.

11. The WCF will be registered with the FCC pursuant to applicable federal requirements. Appropriate required FCC signage will be posted on the site upon receipt of the tower registration number.

12. A geotechnical-engineering firm has performed soil boring(s) and subsequent geotechnical-engineering studies at the WCF site under the supervision of a professional engineer registered in the Commonwealth of Kentucky who specializes in geotechnical engineering, including subsurface exploration. The geotechnical-engineering firm has performed many such studies for the communications industry. A copy of the geotechnical-engineering report and evaluation signed and sealed by a professional engineer registered in the Commonwealth of Kentucky who specializes in geotechnical engineering, including subsurface exploration, is attached as **Exhibit H**. The name and address of the geotechnical-engineering firm and the professional engineer registered in

the Commonwealth of Kentucky who supervised the examination of this WCF site are included in **Exhibit H**.

13. Clear directions to the proposed WCF site from the County seat are attached as **Exhibit I**. The name and address of the preparer of **Exhibit J** is included in **Exhibit J**.

14. Crown, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the abbreviated agreement recorded with the County Clerk is attached as **Exhibit J**. Also included as part of **Exhibit J** is the portion of the full agreement demonstrating that in the case of abandonment a method is provided to dismantle and remove the cellular antenna tower, including a timetable for removal.

15. Personnel directly responsible for the design and construction of the proposed WCF are well-qualified and experienced. Pirod ("the Tower Manufacturer") performed the tower and foundation design. The Tower Manufacturer is a nationally recognized manufacturer and designer of communications towers. The Tower Manufacturer has designed and installed communications towers throughout North America. The Tower Manufacturer has assigned John R. Erichsen, a professional engineer registered in the Commonwealth of Kentucky to design the WCF. This engineer specializes in the design and engineering of guyed, self-support and monopole structures, and has extensive experience in the design and construction of projects similar to the Applicants'. These projects include the design of towers and the required foundations of many other wireless facilities. All of the designs have been signed and sealed by John R. Erichsen. The construction of the proposed WCF will be performed by Crown Network

Systems, an experienced, bonded, and insured erection company. The Tower Erection Manager, Harold Harrington, will manage the tower erection. Harold Harrington is a tower installation manager for Crown and has been erecting towers for the telecommunications industry for over 8 years. All tower designs will meet or exceed applicable laws and regulations.

16. Based on a review of Federal Emergency Management Agency Flood Insurance Rate Maps, the registered land surveyor has noted in **Exhibit B** that the proposed WCF is not located within any flood hazard area.

17. The possibility of high winds has been considered in the design of this tower. The tower has been designed and engineered by professional engineers using computer assistance and the same accepted codes and standards as are typically used for high-rise building construction. The tower has been designed to withstand a wind loading of 70 m.p.h., using the Uniform Building Code of 1991 ("UBC-91") and further modified by the 1993 Administrative Code. This tower has been designed in accordance with the Electronic Industries Association ("EIA") 222-F Standards, which have been accepted and approved by ANSI and is a nationally recognized tower design standard. Similarly, the proposed WCF design has been developed with consideration of potential ground shaking based on a negligible seismic zone of 1. Seismic loading is regarded as secondary to the wind loading.

18. The site development plan signed and sealed by a professional engineer registered in Kentucky was prepared by Charles E. Weiter, and was designed from a survey performed by Frank L. Sellinger. This site development plan is drawn to a scale

of no less than one (1) inch equals 200 feet, and identifies every owner of real estate within 500 feet of the proposed tower (according to the Property Valuation Administrator) and is incorporated in the survey as part of **Exhibit B**. Every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system is incorporated in the survey as part of **Exhibit B**.

19. Crown, on behalf of itself and the Provider, has notified every person who owns property within 500 feet of the proposed tower by certified mail, return receipt requested, of the proposed construction, along with the possibility of a temporary site being built while awaiting PSC approval. Each property owner has been given the docket number under which the proposed Application will be processed and has been informed of their right to request intervention. A list of the nearby property owners who received the notices, together with copies of the certified letters, are attached as **Exhibit K** and **Exhibit L**, respectively,

20. Crown, on behalf of itself and the Provider, has notified the Judge Executive of the county where the WCF is located by certified mail, return receipt requested, of the proposed construction. Crown included in said notice the PSC docket number under which the application will be processed and informed said entity of its right to request intervention. A copy of this notice is attached as **Exhibit M**. The county where the WCF is located has not registered for the right to regulate cell sites with the PSC, and has not adopted planning and zoning regulations in accordance with KRS Chapter 100.

21. Two appropriate notice signs measuring at least two (2) feet in height and

four (4) feet in width with all required language in letters of required height have been posted in a visible location on the proposed site and on the nearest public road and shall remain posted for at least two (2) weeks after filing of the Application. Copies of the postings are attached as **Exhibit N**. The location of the proposed facility has been published in a newspaper of general circulation in the county where the WCF is located.

22. There are two (2) residences within a 500-foot radius of the centerline of the proposed tower location. The land surrounding the WCF site is presently undeveloped with the balance of the remaining land consisting of raw acreage.

23. The process that was used in selecting the site for the proposed WCF by the Applicants' radio frequency engineers was consistent with the process used for selecting generally all other existing and proposed WCF facilities within the proposed network design area. Before beginning the acquisition process, the Applicants carefully evaluated the location of the required WCF for possible collocation opportunities on existing structures. Radio frequency engineers used computer programs to evaluate the most effective coverage design for facilitating collocation potential on the proposed tower. Crown and the Provider's radio frequency engineers have combined their efforts in order to develop a highly efficient network that is designed to serve the FCC licensed territory without extending beyond the Provider's approved boundary. The engineers selected the optimum vicinity in terms of elevation and location to provide the best quality service to customers in the service area. A proposed coverage area was considered by the Applicants when searching for sites that would provide both (i) the coverage deemed necessary by the Provider, and (ii) the coverage deemed necessary by Crown to permit

the integration of the proposed WCF into Crown's overall network design. No suitable towers or existing structures were found in the immediate area which would meet the technical requirements for this element of the telecommunications network. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site should, pursuant to radio frequency requirements, be located is attached as **Exhibit O**.

24. A grid map showing the location of all existing cellular antenna towers that includes the general position of proposed construction sites for new cellular antenna towers within the planning commission's jurisdiction and one-half mile outside the boundary of the planning unit's jurisdiction if that area contains either existing or proposed construction sites for cellular antenna towers is attached as **Exhibit P**.

25. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

26. All responses and requests associated with this Application may be directed

to:

Lloyd McCarthy
Crown Communication Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299
Telephone: (502) 240-0044

and

David A. Pike
Pike Legal Group
200 S. Buckman Street
P. O. Box 369
Shepherdsville, Kentucky 40165-0369
(502) 955-4400
ATTORNEY FOR CROWN COMMUNICATION INC.

and

Mark W. Dobbins
Sandra F. Keene
Tilford, Dobbins, Alexander, Buckaway, & Black
Suite 1400
One Riverfront Plaza
Louisville, Kentucky 40202
(502) 584-6137
ATTORNEYS FOR TRITEL COMMUNICATIONS, INC.
& TRITEL FINANCE, INC.

WHEREFORE, the Applicants respectfully request that the PSC accept the foregoing Application for filing, and having met the requirements of KRS 278.020 and all applicable rules and regulations of the PSC, grant a Certificate of Public Convenience and Necessity to construct and operate the WCF at the location set forth herein for the respective networks in the Commonwealth of Kentucky.

Respectfully submitted,



David A. Pike
Pike Legal Group
200 S. Buckman Street
P. O. Box 369
Shepherdsville, Kentucky 40165-0369
(502) 955-4400
ATTORNEY FOR CROWN COMMUNICATION, INC.

and



Mark W. Dobbins
Sandra F. Keene
Tilford, Dobbins, Alexander, Buckaway, & Black
Suite 1400
One Riverfront Plaza
Louisville, Kentucky 40202
(502) 584-6137
ATTORNEYS FOR TRITEL COMMUNICATIONS, INC. & TRITEL FINANCE, INC.

LIST OF EXHIBITS

- A - Articles of Incorporation and Certificate of Authority
- B - Site Development Plan:
 - Vicinity Map
 - Property Owner Listing
 - 500' Vicinity Map
 - Legal Descriptions
 - Flood Plain Certification
 - Site Plan
 - Vertical Tower Profile
- C - Tower and Foundation Design
- D - Competing Utilities, Corporations, or Persons List
- E - Collocation Report
- F - Application to FAA
- G - Application to Kentucky Airport Zoning Commission
- H - Geotechnical Report
- I - Directions to WCF Site
- J - Copy of Real Estate Agreement
- K - Notification Listing
- L - Copy of Property Owner Notification
- M - Copy of Judge Executive Notice
- N - Copy of Posting Notices
- O - Copy of Radio Frequency Design Search Area
- P - Tower Map for Subject County

EXHIBIT A
ARTICLES OF INCORPORATION AND CERTIFICATE OF
AUTHORITY



OFFICE OF THE SECRETARY OF STATE

FOREIGN CORPORATION
CERTIFICATE OF AUTHORIZATION

I, JOHN Y. BROWN III, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,
CROWN COMMUNICATION INC.

is a corporation organized and existing under the laws of the state or country of
DELAWARE; that was first authorized to transact business in the Commonwealth of Kentucky on AUGUST 12, 1997.

I further certify that all fees and penalties owed to the Secretary of State have been paid to date; that an Application for Certificate of Withdrawal has not been filed; and that the most recent annual report required by KRS Chapter 271B.16-220 or 273.3671 has been delivered to the Secretary of State on behalf of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, at Frankfort, Kentucky, this 4TH day of DECEMBER, 1997.


JOHN Y. BROWN III
Secretary of State
Commonwealth of Kentucky



JOHN Y. BROWN III
SECRETARY OF STATE

CERTIFICATE

I, JOHN Y. BROWN III, Secretary of State for the Commonwealth of Kentucky, do certify that the foregoing writing has been carefully compared by me with the original record thereof, now in my official custody as Secretary of State and remaining on file in my office, and found to be a true and correct copy of **CERTIFICATE OF AUTHORITY OF**
CROWN COMMUNICATION INC. FILED AUGUST 12, 1997.

IN WITNESS WHEREOF, I have hereunto
set my hand and affixed my official seal.

Done at Frankfort this 4TH day of

DECEMBER, 19 97

John Y. Brown III
Secretary of State, Commonwealth of Kentucky

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "TRITEL FINANCE, INC." IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE TWENTY-FIRST DAY OF AUGUST, A.D. 1998.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE NOT BEEN ASSESSED TO DATE.

END OF DOCUMENT

2901520 8300

981328729



A handwritten signature in cursive script that reads "Edward J. Freel".

Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE:

9265495

08-21-98

FEB 18 1999 10:10:55AM LUKAS NACE GUTIERREZ SACHS -> BILLY

VPO1255

50458CWAL98

01/27/1999



Federal Communications Commission

Wireless Telecommunications Bureau

Radio Station Authorization

Call Sign: WPQ1255	File Number: 50458CWAL98	Print Date: 01/27/1999
--------------------	--------------------------	------------------------

Name of Licensee:

Global PCS, Inc.
1410 Livingston Lane

Jackson MS 39213-8003

Market Number: MTA026	Channel Block: A	Sub-Market Designator: 2
--------------------------	---------------------	-----------------------------

Market Name: Louisville-Lexington-Evansville

The license hereof is authorized, for the period indicated, to operate a radio transmitting station in accordance with the terms and conditions hereinafter described. This authorization is subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts of Congress, international treaties and agreements to which the United States is a signatory, and all pertinent rules and regulations of the Federal Communications Commission, contained in Title 47 of the Code of Federal Regulations.

Effective Date	1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date	Expiration Date
01/27/1999	08/23/2000	08/23/2005			08/23/2006

Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, (47 U.S.C. 309(h)), this license is subject to the following conditions: This license does not vest in the licensee any right to operate a station nor any right in the use of frequencies beyond the term thereof nor in any other manner than authorized herein. Neither this license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended, 47 U.S.C. 151, et seq. This license is subject in terms to the rights of use or control conferred by Section 708 of the Communications Act of 1934, as amended, 47 U.S.C. 606.

Special Conditions:

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 Km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

A graphical representation of the geographic area authorized to this call sign may be generated by selecting 'License Search' at the following web address: <http://wtbwww05.fcc.gov>

EXHIBIT B

SITE DEVELOPMENT PLAN:

VICINITY MAP

PROPERTY OWNER LISTING

500' VICINITY MAP

LEGAL DESCRIPTIONS

FLOOD PLAIN CERTIFICATION

SITE PLAN

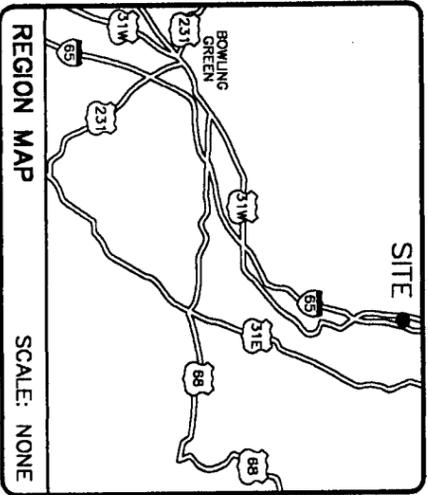
VERTICAL TOWER PROFILE



BONNIEVILLE 263-108-00A

11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY. 40299
(502) 240-0044 PHONE
(502) 240-0045 FAX

426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784
PROPOSED 300' GUYED TOWER
WITH MULTIPLE CARRIERS



ARCHITECTURAL DESIGN ENGINEER

BTM

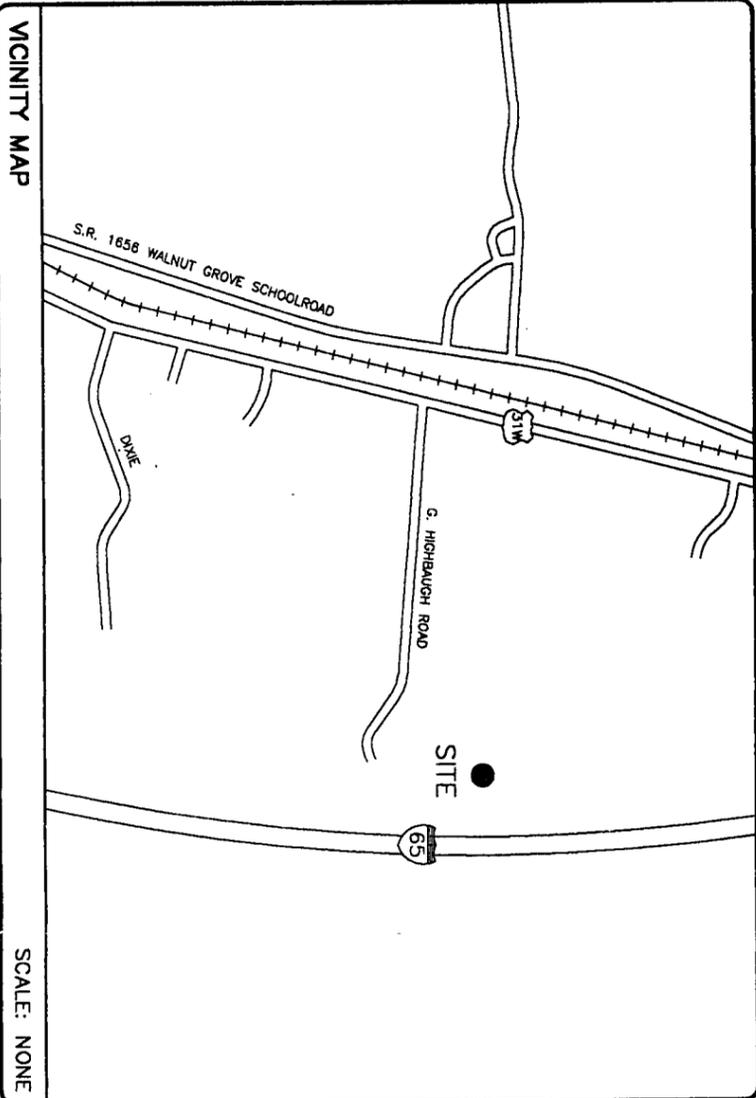
BIRCH, TRAUTWEIN & MIMS, INC.
4124 TAYLORSVILLE ROAD
LOUISVILLE, KENTUCKY 40220
(502) 459-8402 PHONE
(502) 459-8427 FAX

SURVEYING

T. Algn Neal Company

Fun

Civil Engineering & Land Surveying
428 Warnock Street
Louisville, KY 40202
(502) 633-5866 FAX: 636-5263



DIRECTIONS TO SITE

I-65 SOUTH. GET OFF OF EXIT 71. MAKE A RIGHT OFF OF EXIT. MAKE ANOTHER RIGHT ONTO 31W NORTH. GO APPROXIMATELY 2 MILES AND MAKE A RIGHT ONTO G. HIGHBAUGH ROAD. TAKE G. HIGHBAUGH ALL THE WAY TO END. SITE IS NORTHWEST OF LANDOWNERS HOUSE INTO THE WOODS

SITE NAME
BONNIEVILLE

SITE NUMBER
263-108-00A

SITE ADDRESS
426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784

SITE OWNER
MICHAEL & GLADYS OL SHEFSKI
426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784

APPLICANT
CROWN COMMUNICATION, INC.
COMMONWEALTH BUSINESS CENTER
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KENTUCKY 40299
OFFICE: (502) 240-0044
FAX: (502) 240-0045

ZONING
NA

TAX MAP NUMBER
50

AREA OF PARCEL
LEASE AREA = 10,000 SQ. FT.

PARCEL NUMBER
14

SOURCE OF TITLE
DEED BOOK 233, PAGE 566

PROJECT INFORMATION

SHEET NUMBER	DESCRIPTION
T-1	TITLE SHEET & SITE INFO
SURVEY	
C-1	500' RADIUS/ABUTTERS
C-2	SITE SURVEY PLAN
ARCHITECTURAL	
Z-3	SITE LAYOUT
Z-4	NORTH & SOUTH ELEVATION
Z-5	EAST & WEST ELEVATION

SHEET INDEX

R.F. _____

IMPLEMENTATION _____

LEASE AGENT _____

ZONING AGENT _____

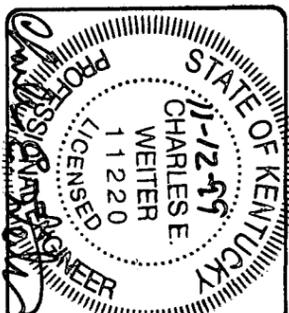
LAND OWNER _____

SIGNATURE BOX _____

11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KENTUCKY 40299
(502) 240-0044 PHONE
(502) 240-0045 FAX

BTM

BIRCH, TRAUTWEIN & MIMS, INC.
4124 TAYLORSVILLE ROAD
LOUISVILLE, KENTUCKY 40220
(502) 459-8402 PHONE
(502) 459-8427 FAX



ECHO NUMBER: 263-108-00A

SITE NAME: BONNIEVILLE

SITE ADDRESS: 426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784

AREA: LEASE AREA = 10,000 SQ. FT.

PROPERTY OWNER: MICHAEL & GLADYS OL SHEFSKI
426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784

TAX MAP NUMBER: 50

PARCEL NUMBER: 14

SOURCE OF TITLE: DB 233, PG. 566

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LONGITUDE: 85°53'10.82"W

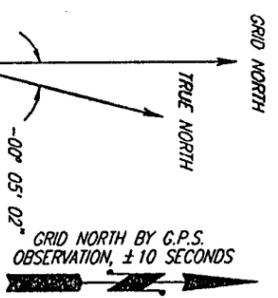
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CHECKED BY: BJ

NO.	REVISION/ISSUE	DATE
1.	ZONING PLANS	10/28/99
2.	CROWN REVISIONS	11/11/99

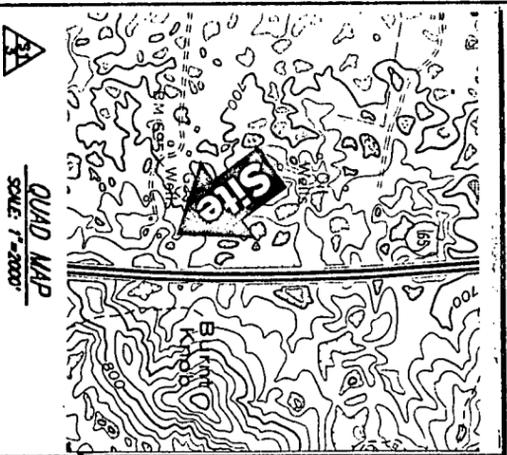
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SHEET: T-1

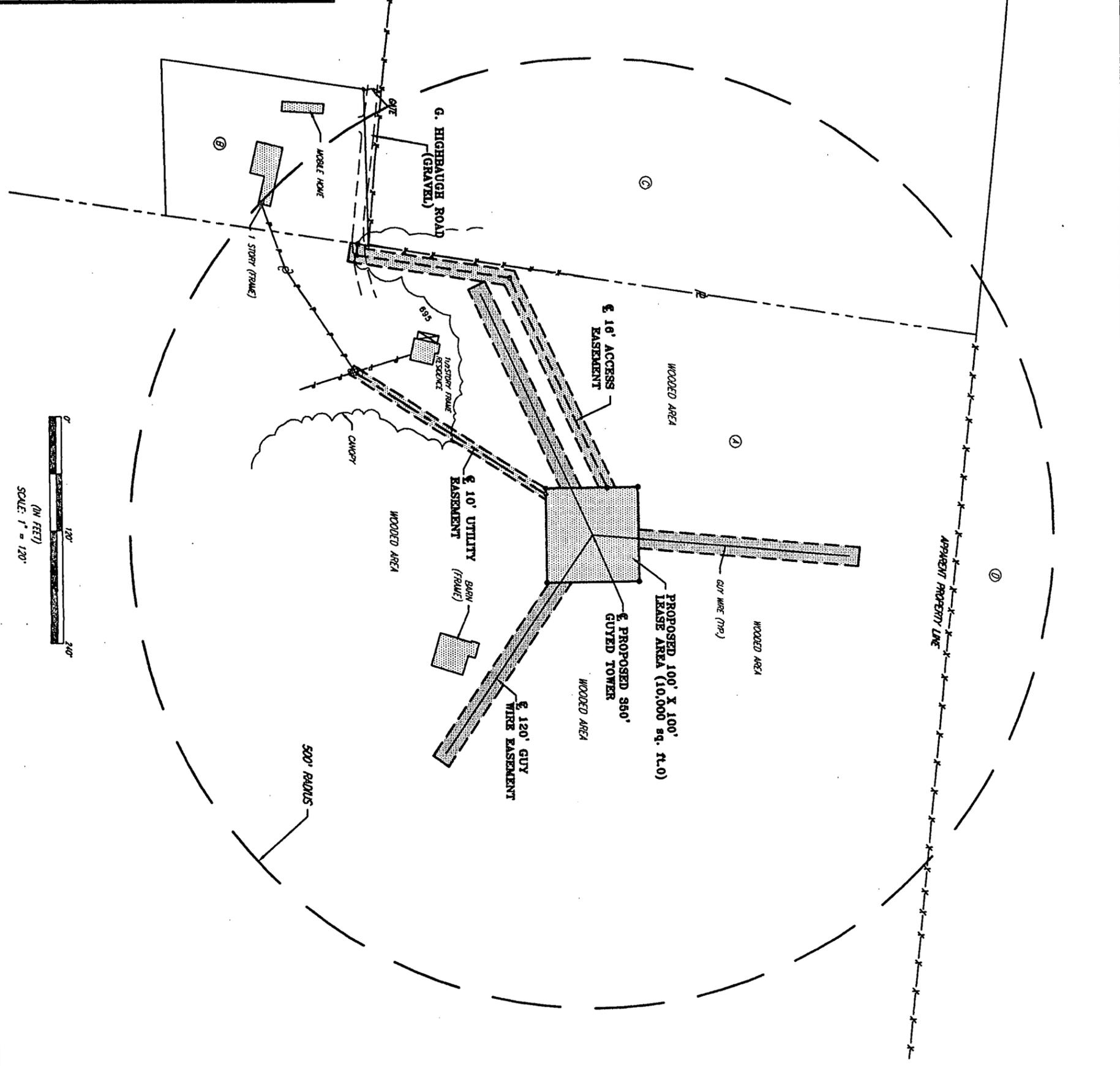
	SHEET 1
	- VICINITY AND 500' STRUCTURAL MAP
	- ABUTTING PROPERTY OWNERS
	- U.S.G.S. QUAD MAP
	SHEET 2
	- LEASE AREA
	- LEGAL DESCRIPTIONS
	- FLOOD ZONE DATA



NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM. SOUTH ZONE AND WAS DETERMINED BY COMPUTATION FROM G.P.S. OBSERVATION ON SEPTEMBER 23, 1999.



USGS 7 1/2 MINUTE QUAD MAP OF UPTON, KY



MAP 50, LOT 14
OLSHENSKI, MICHAEL A. & GLADYS
P.O. BOX 53
BONNIEVILLE, KY 42713
DEED BOOK 233, PAGE 566

MAP 50, LOT 15, 01
OLSHENSKI, GLADYS
P.O. BOX 53
BONNIEVILLE, KY 42713
DEED BOOK 224, PAGE 92

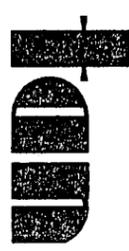
MAP 50, LOT 13
HIGHBAUGH, GEORGE W. & DELONIS
198 G. HIGHBAUGH RD.
BONNIEVILLE, KY 42713
DEED BOOK 180, PAGE 414

MAP 50, LOT 9, 04
ROHEIT, JAMES & MARY
38 CRICKLER LOOP
BONNIEVILLE, KY 42713
DEED BOOK 159, PAGE 755



375 SOUTHPOINTE BLVD.
CANONSBURG,
PENNSYLVANIA, 15317
OFFICE: (724) 416-2247
FAX: (724) 416-2254

T. Alan Neal Company



CHL Engineering
438 Wornock Street
Louisville, Kentucky 40217

ECHO NUMBER:
263-108-004

SITE NAME:
BONNIEVILLE

SITE ADDRESS:
426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY 42784

AREA:
LEASE AREA = 10,000 sq. ft.

PROPERTY OWNER:
MICHAEL & GLADYS OLSHENSKI
426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY 42784

TAX MAP NUMBER:
50

PARCEL NUMBER:
14

SOURCE OF TITLE:
DEED BOOK 233, PAGE 566

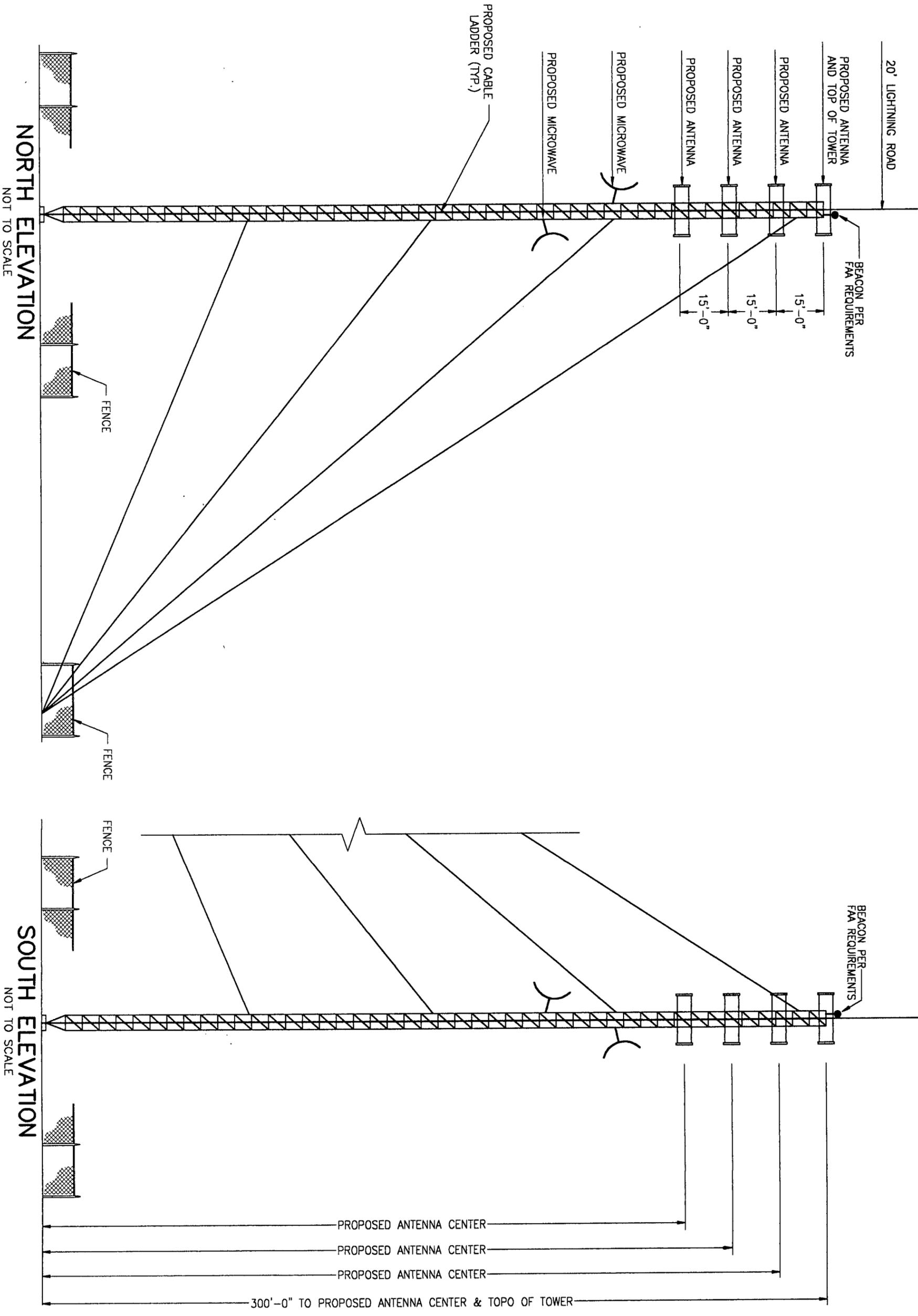
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JAW	FSM	10.20.99

TAN PROJECT NO.:
T-2701

SHEET 1 OF 2

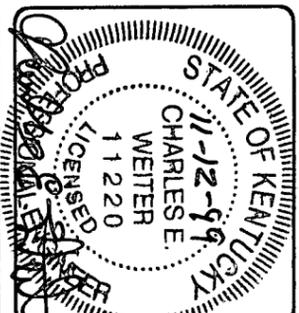
REVISIONS:

C1



CPROWN
 COMMUNICATION, INC.
 11001 BLUEGRASS PARKWAY
 SUITE # 330
 LOUISVILLE, KENTUCKY 40299
 (502) 240-0044 PHONE
 (502) 240-0045 FAX

BIM
 BIRCH, TRAUTWEIN & MIMS, INC.
 4124 TAYLORSVILLE ROAD
 LOUISVILLE, KENTUCKY 40220
 (502) 459-8402 PHONE
 (502) 459-8427 FAX



ECHO NUMBER:
253-108-00A

SITE NAME:
BONNIEVILLE

SITE ADDRESS:
428 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784

AREA:
LEASE AREA = 10,000 SQ. FT.

PROPERTY OWNER:
MGT. CO. & SONS OF SHEPHERD
428 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784

TAX MAP NUMBER:
50

PARCEL NUMBER:
14

SOURCE OF TITLE:
DB 233, PG. 566

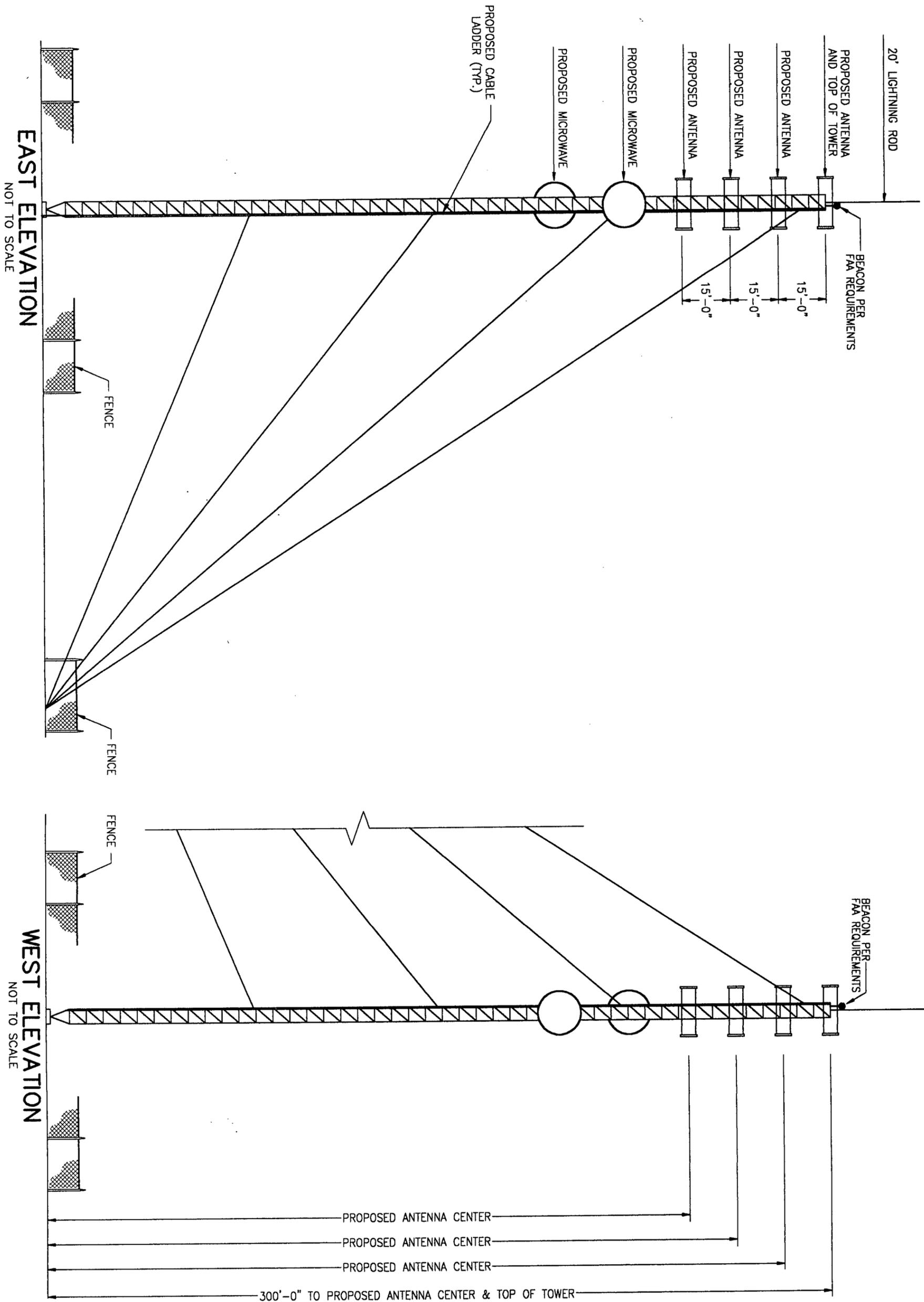
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LONGITUDE: 85°53'10.82"W

DRAWN BY: DOC
CHECKED BY: BJ

NO.	REVISION/ISSUE	DATE
1.	ZONING PLANS	10/28/99
2.	CROWN REVISIONS	11/11/99

TITLE:
NORTH / SOUTH
ELEVATIONS

SHEET:
Z-4



EAST ELEVATION

NOT TO SCALE

WEST ELEVATION

NOT TO SCALE

CROWN
COMMUNICATION, INC.

11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KENTUCKY 40299
(502) 240-0044 PHONE
(502) 240-0045 FAX

BTW

BIRCH, TRAUTWEN & MIMS, INC.
4124 TAYLORSVILLE ROAD
LOUISVILLE, KENTUCKY 40220
(502) 459-8402 PHONE
(502) 459-8427 FAX

STATE OF KENTUCKY
11-12-99
CHARLES E. WEITER
11220
PROFESSIONAL ENGINEER

ECHO NUMBER: 263-108-00A

SITE NAME: BONNIEVILLE

SITE ADDRESS: 426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784

AREA: LEASE AREA = 10,000 SQ. FT.

PROPERTY OWNER: MICHAEL & GLADYS OLSEIFSKI
426 G. HIGHBAUGH ROAD
BONNIEVILLE, KY. 42784

TAX MAP NUMBER: 50

PARCEL NUMBER: 14

SOURCE OF TITLE: DB 233, PG. 566

LATITUDE: 37°24'25.97"N
LONGITUDE: 85°53'10.82"W

DRAWN BY: DOC
CHECKED BY: BJ

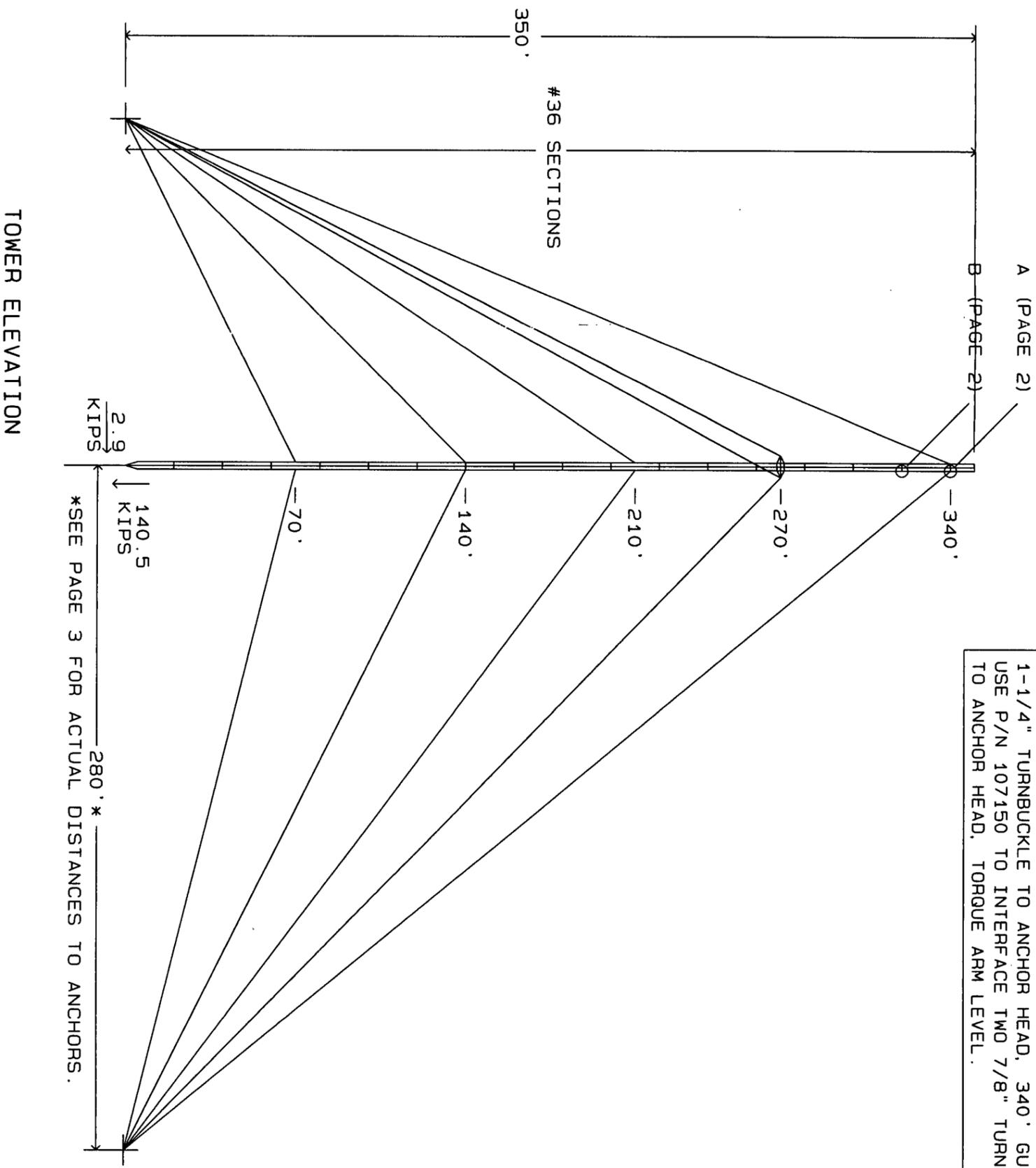
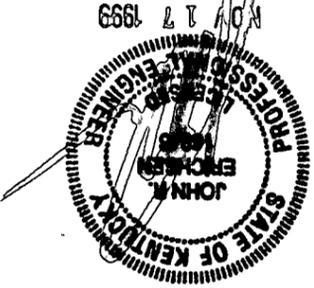
NO.	REVISION /ISSUE	DATE
1.	ZONING PLANS	10/28/99
2.	CROWN REVISIONS	11/11/99

TITLE: EAST / WEST ELEVATIONS

SHEET: Z-5

From: 88763.DFT - 11/16/1999 09:17		Printed from: 2057201A.DWG - 11/17/1999 11:02 @ 11/17/1999 11:54	
REV	DESCRIPTION OF REVISIONS	DATE	INITIALS
A	ADDED FOUNDATIONS	11/17/1999	WBR
APPROVED/ENG.		DATE	INITIALS
WBR 11/17/1999		11/17/1999	WBR
APPROVED/FOUND.		DATE	INITIALS
N/A			
DRAWN BY		DATE	INITIALS
TRP			
ENG. FILE NO. A-9911160A		ARCHIVE Q-88763	
DRAWING NO. 205720-B		PAGE 1 OF 9	

CROWN CASTLE USA, INC.
 BONNIEVILLE, KY
 # 36 X 350' GUYED TOWER



ATTENTION ERECTOR: USE P/N 117359 TO INTERFACE 1-1/4" TURNBUCKLE TO ANCHOR HEAD, 340' GUY LEVEL. USE P/N 107150 TO INTERFACE TWO 7/8" TURNBUCKLES TO ANCHOR HEAD, TORQUE ARM LEVEL.

*SEE PAGE 3 FOR ACTUAL DISTANCES TO ANCHORS.

ENG. FILE NO. **A-9911160A** ARCHIVE
 Q-88763
 DRAWING NO. **205720-B** PAGE 2 OF 9

APPROVED/ENG. **WBR** 11/17/1999
 APPROVED/FOUND **N/A**
 DRAWN BY **TRP**

PAROD INC.
 1545 Pidge Dr.
 Plymouth, IN 46563-0128
 219-936-4221

CROWN CASTLE USA, INC.
 BONNIEVILLE, KY
 # 36 X 350' GUYED TOWER

GUY LENGTH DATA

HT.	GUY SIZE	# GUY	THEORETICAL LENGTH ***		
			(A) SOUTHEAST	(B) SOUTHWEST	(C) NORTH
340'	3/4" B.S.	3	440.5'	452.1'	452.1'
270'	9/16" EHS.	6	389.0'	399.5'	399.5'
210'	5/8" EHS.	3	350.0'	359.2'	359.2'
140'	9/16" EHS.	3	313.0'	320.0'	320.0'
70'	9/16" EHS.	3	288.6'	292.6'	292.6'

*** THEORETICAL LENGTH SHOWN IS NOT THE CUT LENGTH.
 ADD 5% TO 10% TO VALUE LISTED TO ARRIVE AT CUT LENGTH.
 QUANTITY OF CABLE SHIPPED IS THEORETICAL LENGTH +10%.

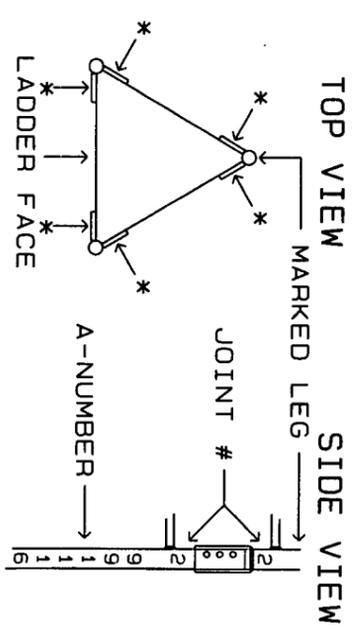
SECTION DATA

SPAN HEIGHT	SEC#	LEN	LEGS	BRACES	PART#	BOLT DIAM	BOLT LEN	BOLTS /SEC
340' - 350'	36	10'	1- 1/2"	3/4"	104495			
280' - 340'	36	20'	1- 1/2"	3/4"	104495	9/16"	3-1/2"	9
200' - 280'	36	20'	1- 3/4"	3/4"	104497	5/8"	4"	12
20' - 200'	36	20'	1- 3/4"	5/8"	104800	5/8"	4"	12
0' - 20'	36	20'	1- 3/4"		133221	5/8"	4"	12

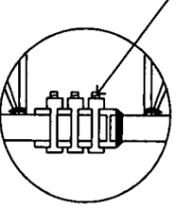
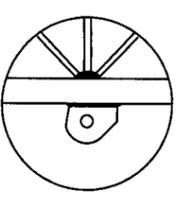
GUY HARDWARE DETAIL

HT.	GUY SIZE	TORQ SIZE	LUG PART#	SHCKL SIZE	THMBLE SIZE	TURN-BCKLE	PREFORM	INITIAL TENSION **					
								@-30°F	@ 0°F	@ 30°F	@ 60°F	@ 90°F	@120°F
340'	3/4" B.S.		105064	1"	7/8"	1-1/4"	BG-MS-3690	8282#	7782#	7291#	6800#	6325#	5882#
270'	9/16" EHS.	12'	105062	3/4"	5/8"	7/8"	BG-2116	4555#	4187#	3832#	3500#	3185#	2875#
210'	5/8" EHS.		105062	3/4"	3/4"	1"	BG-2111	5833#	5276#	4739#	4240#	3776#	3345#
140'	9/16" EHS.		105062	3/4"	5/8"	7/8"	BG-2116	5164#	4580#	4017#	3500#	3027#	2604#
70'	9/16" EHS.		105062	3/4"	5/8"	7/8"	BG-2116	5475#	4779#	4111#	3500#	2952#	2470#

** TENSIONS SHOWN ARE FOR GUY LINE (A). INTERPOLATION IS PERMITTED FOR OTHER TEMPERATURES.
 TOLERANCE IS +/- 10% OF INITIAL TENSION SHOWN.



THE MARKED LEG OF EACH SECTION IS STAMPED WITH THE TOWER SERIAL # AT THE TOP OF EACH SECTION AND THE JOINT # AT EACH END OF THE SECTION. JOINTS ARE NUMBERED CONSECUTIVELY STARTING WITH 1 AT THE TOP OF THE BASE SECTION. ASSEMBLE TOWER WITH MARKED LEGS TOGETHER IN PROPER SEQUENCE.



* INDICATES RELATIVE POSITION OF LINE HANGING BRACKETS P/N 131773 AT NOMINAL 3' VERTICAL SPACING.

VIEW A
TYPICAL GUY CONNECTION LUG

VIEW B
TYPICAL LEG CONNECTION

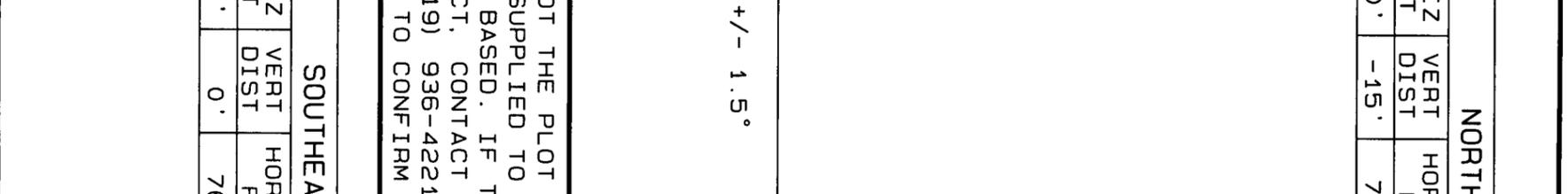
A-325 BOLTS
 SEE LEG CONNECT
 TABLE FOR SIZE



REV	DESCRIPTION OF REVISIONS	DATE	INITIALS
A	ADDED FOUNDATIONS	11/17/1999	WBR
	APPROVED/ENG.	11/17/1999	WBR
	APPROVED/FOUND	11/17/1999	WBR
	DRAWN BY		TRP

NOTE: THE HORIZONTAL DISTANCE IS THE DISTANCE MEASURED FROM THE TOWER BASE PIN TO THE ANCHOR HEAD. THE VERTICAL DISTANCE IS THE DIFFERENCE BETWEEN THE GROUND ELEVATION AT THE TOWER BASE AND THE GROUND ELEVATION AT THE ANCHOR HEAD.

SOUTHWEST ANCHORS (B)				
ANC #	HORIZ DIST	VERT DIST	HORIZONTAL FORCE	UPLIFT FORCE
B-1	280'	-15'	75.8 KIPS	62.4 KIPS

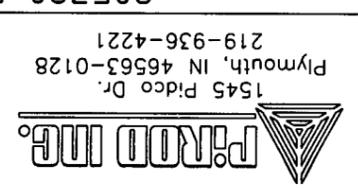


NORTH ANCHORS (C)				
ANC #	HORIZ DIST	VERT DIST	HORIZONTAL FORCE	UPLIFT FORCE
C-1	280'	-15'	75.8 KIPS	62.4 KIPS

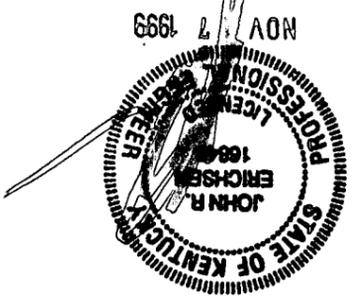
SOUTHWEST ANCHORS (B)				
ANC #	HORIZ DIST	VERT DIST	HORIZONTAL FORCE	UPLIFT FORCE
B-1	280'	-15'	75.8 KIPS	62.4 KIPS

SOUTHEAST ANCHORS (A)				
ANC #	HORIZ DIST	VERT DIST	HORIZONTAL FORCE	UPLIFT FORCE
A-1	280'	0'	76.2 KIPS	59.0 KIPS

THIS IS NOT THE PLOT PLAN! THIS DIAGRAM REPRESENTS THE DATA SUPPLIED TO PIROD UPON WHICH THIS TOWER DESIGN IS BASED. IF THE INFORMATION ON THIS PAGE IS NOT CORRECT, CONTACT THE FACTORY FOR FURTHER ANALYSIS AT (219) 936-4221 EXT. 5299. THE OWNER SHOULD BE CONSULTED TO CONFIRM THE ACTUAL TOWER ORIENTATION.



ENG. FILE NO. A-9911160A	ARCHIVE
Q-88763	
DRAWING NO. 205720-B	PAGE 4 OF 9
APPROVED/ENG. WBR 11/17/1999	APPROVED/FOUND N/A
TRP	
DRAWN BY	
CROWN CASTLE USA, INC. BONNIEVILLE, KY # 36 X 350' GUYED TOWER	
1545 Picco Dr. Plymouth, IN 46563-0128 219-936-4221 PIROD INC.	



GENERAL NOTES

1. TOWER DESIGN CONFORMS TO STANDARD EIA/TIA-222-F FOR 70 MPH BASIC WIND SPEED WITH 0.50" RADIAL ICE WITH LOAD DUE TO WIND REDUCED BY 25% WHEN CONSIDERED SIMULTANEOUSLY WITH ICE. TOWER DESIGN CONFORMS TO STANDARD EIA/TIA-222-F FOR 70 MPH BASIC WIND SPEED WITH NO ICE.
2. MATERIAL: (A) SOLID RODS CONFORM TO ASTM A-572 GRADE 50 REQUIREMENTS.
(B) ANGLES CONFORM TO ASTM A-36 REQUIREMENTS.
(C) PIPE CONFORMS TO ASTM A-53 TYPE E, GRADE B REQUIREMENTS. (MIN YIELD STRENGTH=42 KSI)
(D) ALL STEEL PLATES CONFORM TO ASTM A-36 REQUIREMENTS.
3. FINISH: HOT DIPPED GALVANIZED AFTER FABRICATION.
4. ANTENNAS:
350' - TWELVE DB878 ANTENNAS ON THREE T-FRAMES WITH 1 5/8" LINES.
325' - TWELVE DB878 ANTENNAS ON THREE T-FRAMES WITH 1 5/8" LINES.
300' - TWELVE DB878 ANTENNAS ON THREE T-FRAMES WITH 1 5/8" LINES.
275' - TWO 8' HIGH PERFORMANCE DISHES WITH EW63.
250' - TWELVE DB878 ANTENNAS ON THREE T-FRAMES WITH 1 5/8" LINES.
5. MIN. WELDS 5/16" UNLESS OTHERWISE SPECIFIED. ALL WELDING TO CONFORM TO AWS SPECS.
6. ALL BOLTS AND NUTS MUST BE IN PLACE BEFORE THE ADJOINING SECTION(S) ARE INSTALLED.
7. ALL A-325 BOLTS ARE TO BE TIGHTENED TO A SNUG TIGHT CONDITION AS DEFINED BY AISC SPECIFICATION UNLESS OTHERWISE NOTED. A MORE QUANTITATIVE ALTERNATIVE APPROACH TO ACHIEVING A SNUG TIGHT CONDITION IS TO TIGHTEN USING THE TORQUE VALUES FROM DRAWING 123107-A.
8. EIA GROUNDING FOR TOWER.
9. FTB 312 DUAL KIT (351' - 700')
10. ALL TRANSMISSION LINES MUST BE PLACED ON PIROD SUPPLIED TRANSMISSION LINE BRACKETS.

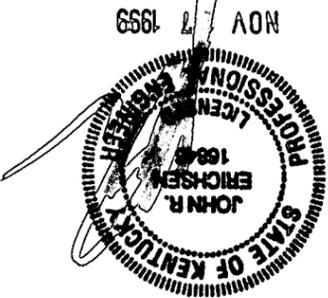
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A	ADDED FOUNDATIONS	TRP	205720-B
		APPROVED/FOUND	DRAWING NO.
		WBR 11/17/1999	
		APPROVED/ENG.	
		WBR 11/17/1999	

CROWN CASTLE USA, INC.
 BONNIEVILLE, KY
 # 36 X 350' GUYED TOWER

1545 Picco Dr.
 Plymouth, IN 46563-0128
 219-936-4221

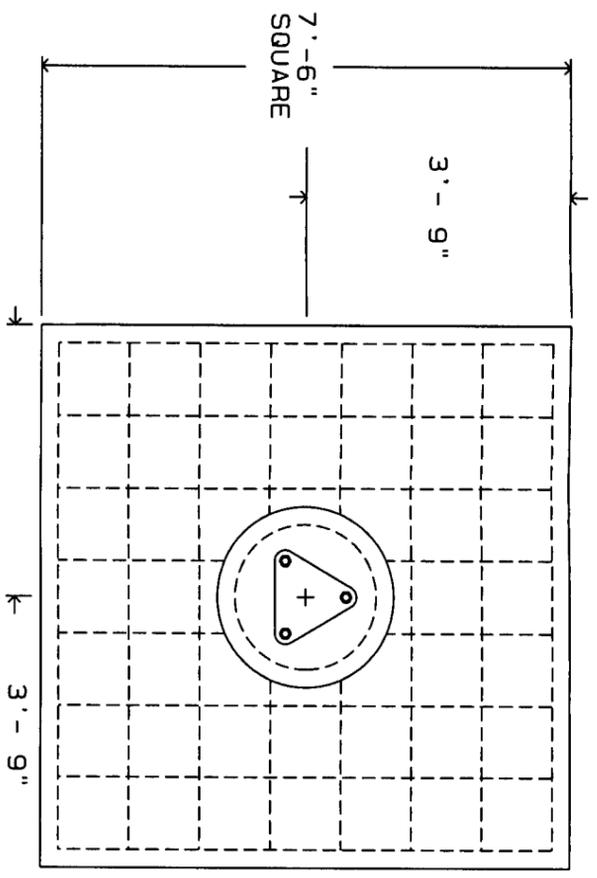
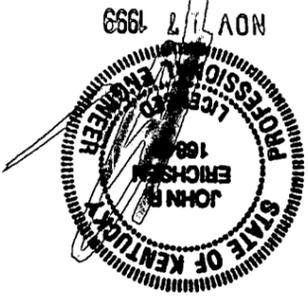

FOUNDATION NOTES

1. SOIL AS PER REPORT BY ATC ASSOCIATES INC., DATED 10/28/99. (FILE #13000.91113).
2. CONCRETE TO BE 3000 PSI @28 DAYS. REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS. CONCRETE INSTALLATION TO CONFORM TO ACI-318 BUILDING REQUIREMENTS FOR REINFORCED CONCRETE. ALL CONCRETE TO BE PLACED AGAINST UNDISTURBED EARTH FREE OF WATER AND ALL FOREIGN OBJECTS AND MATERIALS. A MINIMUM OF THREE INCHES OF CONCRETE SHALL COVER ALL REINFORCEMENT. WELDING OF REBAR NOT PERMITTED.
3. ALL FILL SHOULD BE PLACED IN LOOSE LEVEL LIFTS OF NO MORE THAN 8" THICK. FILL MATERIALS SHOULD BE CLEAN AND FREE OF ORGANIC AND FROZEN MATERIALS OR ANY OTHER DELETERIOUS MATERIALS. COMPACT FILL TO 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698.
4. CATHODIC PROTECTION REQUIRED AT ANCHORS.
5. A COLD JOINT IS PERMISSIBLE. AT THE TOWER BASE ONLY. UPON CONSULTATION WITH PIROD. ALL COLD JOINTS SHALL BE COATED WITH BONDING AGENTS PRIOR TO SECOND POUR.
6. THIS DESIGN ASSUMES THAT THE SOIL AT THE NORTH GUY ANCHOR IS AS GOOD OR BETTER, THAN THE SOIL AT THE OTHER TWO GUY ANCHOR LOCATIONS. KEEP IN MIND THAT NO SOIL BORING WAS DONE AT THE NORTH GUY ANCHOR, DUE TO INACCESSIBILITY AT THE TIME OF THE FIELD DRILLING.



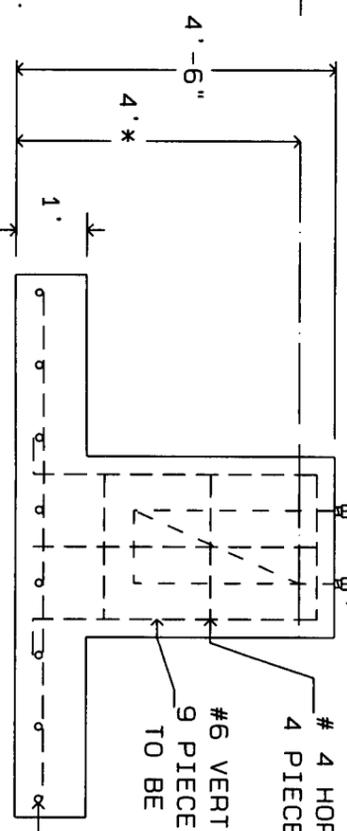
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A	ADDED FOUNDATIONS	11/17/1999	TRP
			APPROVED/FOUND
		11/17/1999	WBR
			APPROVED/ENG.
		11/17/1999	WBR

CROWN CASTLE USA, INC.
 BONNIEVILLE, KY
 # 36 X 350' GUYED TOWER



2'-6" ROUND PIER, CENTERED
 AROUND THE CIRCULAR REBAR CAGE

FINISHED GRADE ———
 * DEPTH SHOWN IS
 MINIMUM ALLOWABLE.
 ACTUAL DEPTH MUST
 BE MIN. 6" BELOW
 LOCAL FROST LEVEL.



CAGE P/N 107261 CENTERED IN PIER.
 INSTALL WITH 6" OF THREADS EXPOSED.
 FOUNDATION PLATE P/N 107260.
 GROUT AFTER LEVELING PLATE - BEFORE ERECTING TOWER.

4 HORIZONTAL TIES - SEE (C) ON PAGE 7.
 4 PIECES REQ., EQUALLY SPACED.

#6 VERTICAL REBAR, SEE (B) ON PAGE 7.
 9 PIECES REQ., EQUALLY SPACED,
 TO BE PLACED INSIDE TIES.

#5 HORIZONTAL BARS - SEE (A) ON PAGE 7.
 8 EACH WAY, EVENLY SPACED.

NOTE: ALL REBAR IS EQUALLY SPACED AND
 REQUIRES MIN. 3" CONCRETE COVER.

TOWER BASE FOUNDATION
 2.7 CU. YDS. CONCRETE REQUIRED

REV A ADDED FOUNDATIONS DESCRIPTION OF REVISIONS DATE 11/17/1999 WBR		DRAWN BY TRP
APPROVED/FOUND WBR 11/17/1999		APPROVED/ENG. WBR 11/17/1999
CROWN CASTLE USA, INC. BONNIEVILLE, KY # 36 X 350' GUYED TOWER		

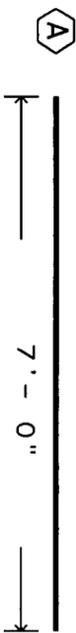
ENG. FILE NO. A-9911160A

Q-88763

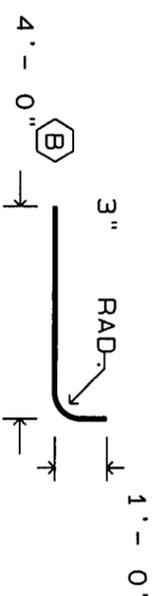
DRAWING NO.

205720-B

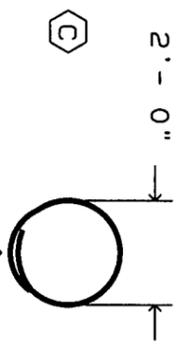
1545 Pico Dr.
 Plymouth, IN 46563-0128
 219-936-4221



#5 REBAR - 16 PIECES REQUIRED TOTAL
 APPROX WT = 7.3# EACH, 116# TOTAL



#6 REBAR - 9 PIECES REQUIRED TOTAL
 APPROX UNBENT LENGTH = 4'-10-3/4"
 APPROX WT = 7.4# EACH, 67# TOTAL



#4 REBAR - 4 PIECES REQUIRED TOTAL

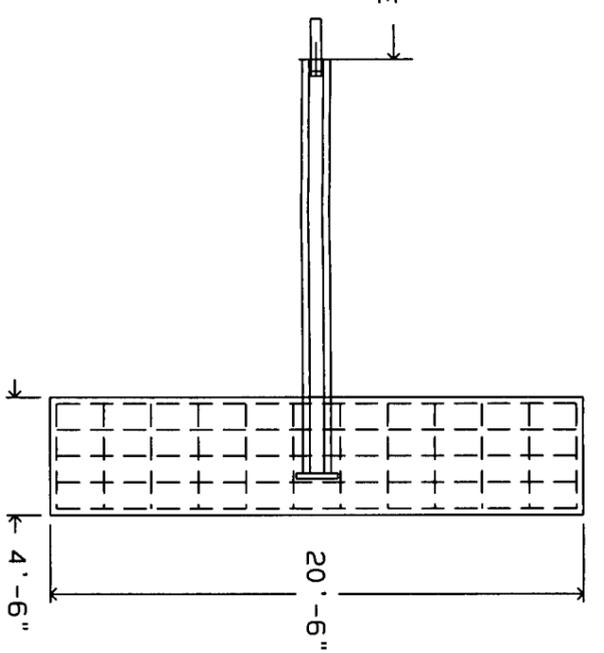
LAP DIMENSION: 1'-4-1/2"
 PLACE REBAR RINGS SO THAT LAPS ON
 ADJACENT RINGS ARE 180 DEGREES APART
 APPROX UNBENT LENGTH = 7'-8"
 APPROX WT = 5.1# EACH, 20# TOTAL

TOTAL APPROXIMATE REBAR WEIGHT = 203#
 REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS

**TOWER BASE FOUNDATION
 REBAR DETAIL - NOT TO SCALE**

VERTICAL CENTERLINE OF ANCHOR HEAD MUST BE PLUMB
 +/- 2 DEGREES. ANCHOR RODS MUST BE STRAIGHT. CENTER-
 LINE OF ANCHOR AND RODS MUST BE IN LINE WITH CENTER-
 LINE OF TOWER +/- 1/2 DEGREE (ALL ANCHORS.)

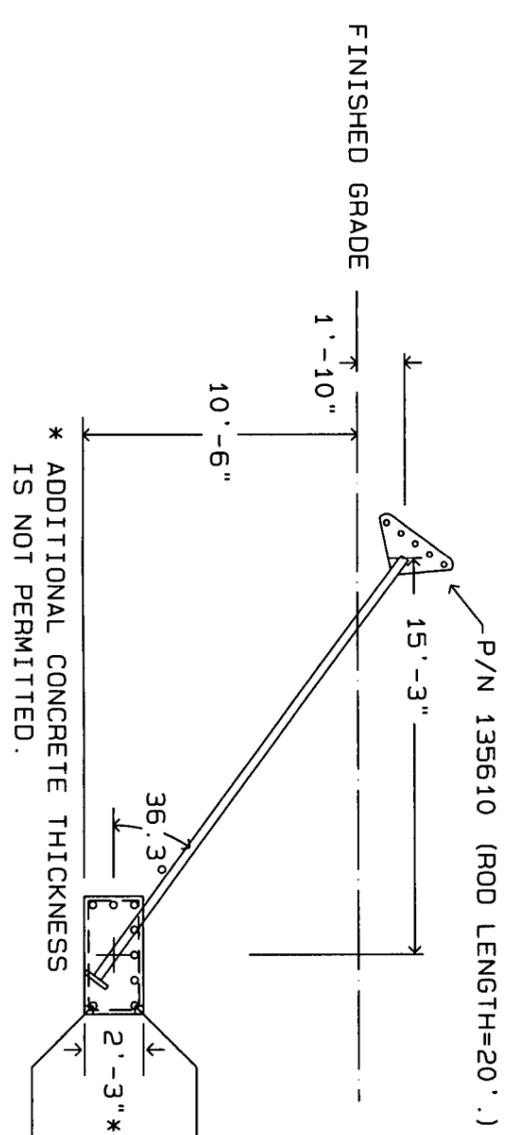
SEE PAGE 3 FOR ACTUAL
 ← DISTANCE TO TOWER BASE
 AND RELATIVE HEIGHT.



ALL REBAR IS EQUALLY SPACED AND
 REQUIRES MIN. 3" CONCRETE COVER.

FOR GUY WIRE INSTALLATION SEE
 DRAWING #104834-B.

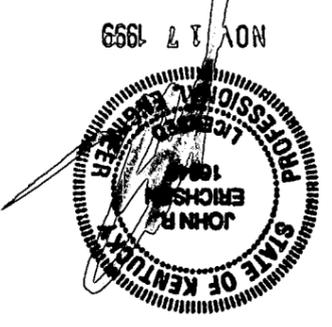
FOR GUY HARDWARE SIZES SEE TABLE
 ON PAGE 2.



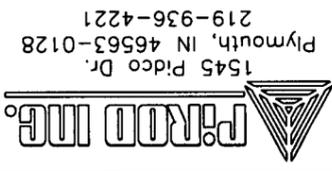
- #8 HORIZONTAL BARS. SEE (A) ON PAGE 9.
- 5 EA IN TOP
 - 2 EA IN BOTTOM
 - 1 EA IN FRONT (IN ADDITION TO THOSE IN THE TOP AND BOTTOM CORNERS.)

12 EA #4 BARS FORMED INTO RECTANGLE.
 SEE (B) ON PAGE 9.

GUY ANCHORS AT LOCATIONS A-1, B-1 AND C-1
 3 REQUIRED - 7.7 CU. YDS. CONCRETE REQUIRED EACH



CROWN CASTLE USA, INC.
 BONNIEVILLE, KY
 # 36 X 350' GUY ANCHORS



REV	DESCRIPTION OF REVISIONS	DATE	INITIALS
A	ADDED FOUNDATIONS	11/17/1999	WBR

APPROVED/ENG.	APPROVED/FOUND.	TRP	DATE
WBR	WBR		11/17/1999
WBR			11/17/1999

ENG. FILE NO. A-9911160A
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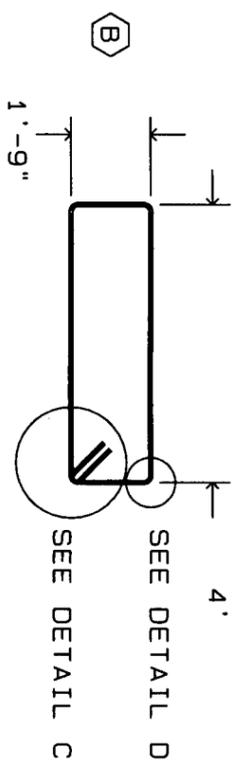
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A	ADDED FOUNDATIONS	11/17/1999	TRP
			APPROVED/FOUND. WBR 11/17/1999
			APPROVED/ENG. WBR 11/17/1999

CROWN CASTLE USA, INC.
 BONNIEVILLE, KY
 # 36 X 350' GUY ANCHORS

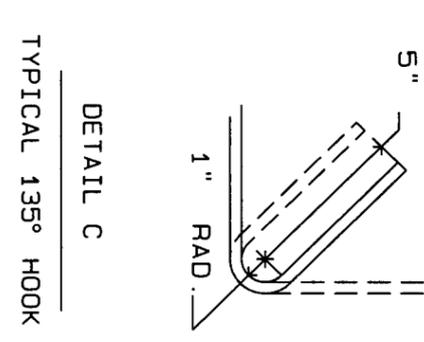
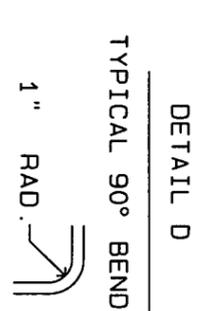
1545 Pidco Dr.
 Plymouth, IN 46563-0128
 219-936-4221
PROOD INC.



A
 20'
 #8 REBAR - 24 PIECES REQUIRED TOTAL.
 APPROX WT = 53.4# EACH, 1281# TOTAL



#4 REBAR - 36 PIECES REQUIRED TOTAL.
 FORMED INTO A RECTANGLE WITH 135° HOOK AT BOTH ENDS
 APPROX UNBENT LENGTH = 12'-1-7/8"
 APPROX WT = 8.1# EACH, 292# TOTAL



TOTAL APPROXIMATE REBAR WEIGHT = 1573#
 REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.

GUY ANCHORS AT LOCATIONS A-1, B-1 AND C-1
 REBAR DETAIL - NOT TO SCALE

EXHIBIT D
COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST:

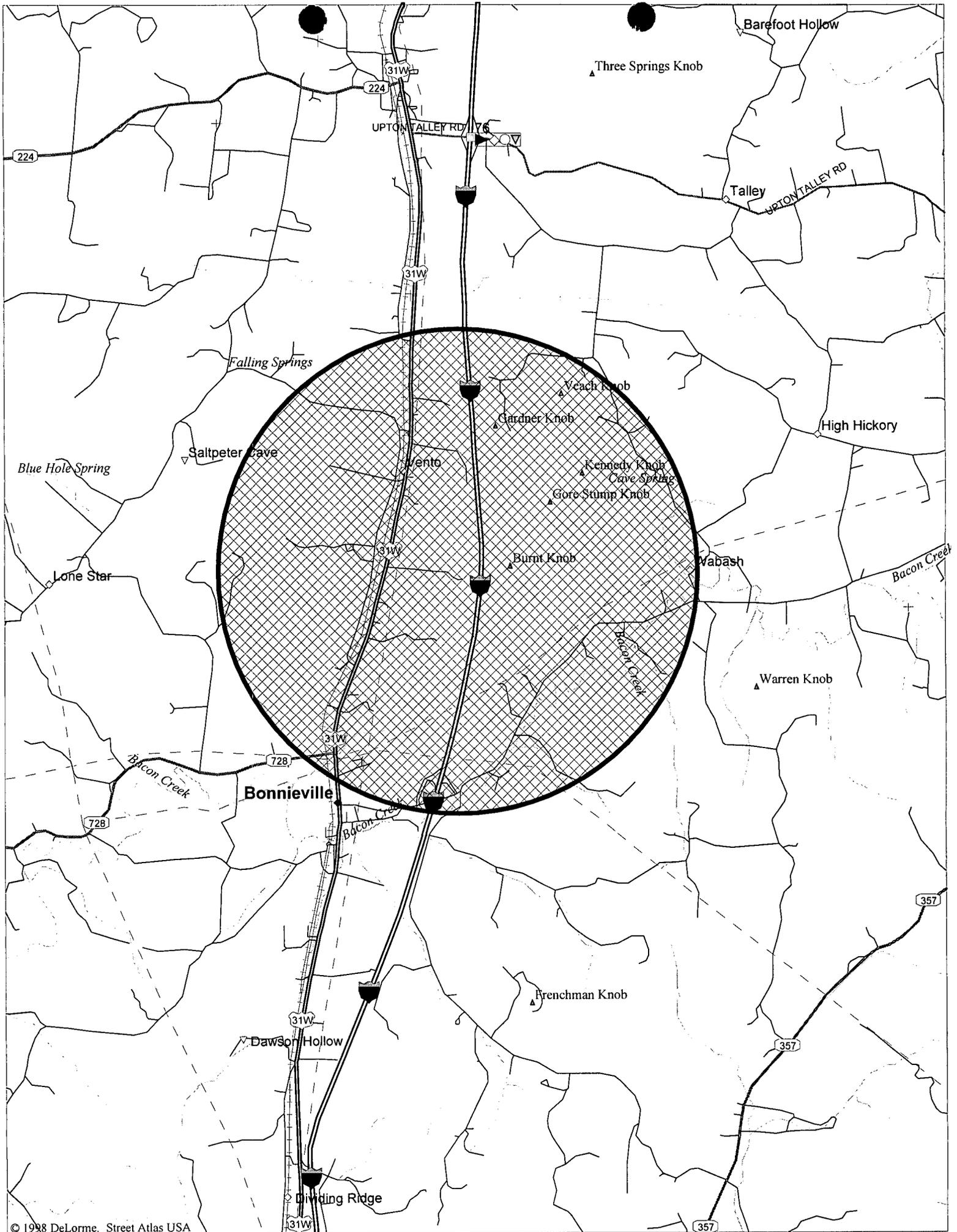
1. American Tower
2. APEX
3. Tritel Communications
4. Nextel Partners
5. Spectra Site
6. CommNet
7. GTE Mobilenet, Inc.
8. BellSouth Mobility, Inc.
9. BellSouth Wireless Cable, Inc.
10. NextelWave
11. Powertel Kentucky, Inc.
12. SBA
13. Sprint PCS



Collocation Statement
263-108-00A – Bonnieville

TriTel Communications Inc. has stated their need to install antenna's at 300' above ground level in the vicinity of G. Highbaugh Road. The proposed site will improve the digital/portable usage in that area.

There are no current towers within a 2 mile radius of the TriTel search area, according to the data available through the PSC and through our own observation.





To Provide All Requested Information May Delay Processing of Your Notice

FOR FAA USA ONLY

Aeronautical Study Number

U.S. Department of Transportation
Federal Aviation Administration

Notice of Proposed Construction or Alteration

1. Sponsor (person, company, etc. proposing this action):
 Attn. of: Shawn A. Dunlap
 Name: Crown Communication Inc.
 Address: 375 Southpointe Boulevard
 City: Canonsburg State: PA Zip: 15317
 Telephone: (724) 416-2285 Fax: (724) 416-2254

2. Sponsor's Representative (if other than #1):
 Attn. of: _____
 Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Telephone: _____ Fax: _____

3. Notice of: New Construction Alteration Existing

4. Duration: Permanent Temporary (_____ months, _____ days)

5. Work Schedule: Beginning 12/24/1999 End 01/24/2000

6. Type: Antenna Tower Crane Building Power Line
 Landfill Water Tank Other _____

7. Marking/Painting and/or Lighting Preferred:
 Red Lights and Paint Dual - Red and Medium Intensity White
 White - Medium Intensity Dual - Red and High Intensity White
 White - High Intensity Other _____

8. FCC Antenna Structure Registration Number (if applicable): _____

9. Latitude: 37 ° 24 ' 25.97 "

10. Longitude: 85 ° 53 ' 10.82 "

11. Datum: NAD 83 NAD 27 Other _____

12. Nearest: City: Bonnieville State: KY

13. Nearest Public-use (not private-use) or Military Airport or Heliport:
 EKK: ADDINGTON FIELD

14. Distance from #13. to Structure: 16.6126 nm

15. Direction from #13. to Structure: 174 degrees

16. Site Elevation (AMSL): 699 R.

17. Total Structure Height (AGL): 325 R.

18. Overall Height (#16. + #17.) (AMSL): 1024 R.

19. Previous FAA Aeronautical Study Number (if applicable): _____ - OE

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map with the precise site marked and any certified survey.)
 Please see attached U.S.G.S. quad and site survey.

21. Complete Description of Proposal:
 This application is a proposal for a new 325' AGL tower.
 800554/ KY Bonnieville

Frequency (MHz)	Power (KW)
33-54	100Watts
72-73	100Watts
144-162	250Watts
220-222	100Watts
460-502	250Watts
800-800	500Watts
1,500	500Watts
1,900-2,000	500Watts
5,000-6,500	100Watts
10000-11000	100Watts
18,000	100Watts
21,000	100Watts
24,000	100Watts
38,000	100Watts
2-18Ghz	80dbm EIRP

Notice is required by 14 Code of Federal Regulations, Part 77 pursuant to 49 U.S.C., Section 44716. Persons who knowingly and willingly violate the notice requirements of part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to 49 U.S.C., Section 46301 (a).

I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking & lighting standards as necessary.

Date <u>11-24-1999</u>	Typed or Printed Name and Title, of Person Filing Notice <u>Shawn A. Dunlap/Regulatory Administrator</u>	Signature
---------------------------	---	---------------

EXHIBIT G
APPLICATION TO KENTUCKY AIRPORT ZONING COMMISSION

1. NATURE OF PROPOSAL

2. DESCRIPTION OF STRUCTURE

A. TYPE <input checked="" type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> ALTERATION	B. CLASS <input checked="" type="checkbox"/> PERMANENT <input type="checkbox"/> TEMPORARY	C. WORK SCHEDULE BEGIN <u>12/24/1999</u> END <u>01/24/2000</u>
---	--	---

This application is for a new 325' AGL tower.

800554 KY Bonnieville

Please see attached U.S.G.S. quad map and site survey.

3A. APPLICANT - NAME, ADDRESS & TELEPHONE

Shawn A. Dunlap, Regulatory Administrator
Crown Communications
375 Southpointe Blvd.
Canonsburg, PA 15317
724-416-2247/2258

B. REPRESENTATIVE OF APPLICANT - NAME, ADDRESS & TELEPHONE

4. LOCATION OF STRUCTURE

5. HEIGHT & ELEVATION

A. GEOGRAPHIC COORDINATES (NEAREST SECOND)	B. NEAREST KY CITY Bonnieville	C. NEAREST KY AIRPORT EKX: Addington Field	A. SITE ELEVATION (ABOVE MEAN SEA LEVEL) 699'
LATITUDE 37° 24' 25.97"	(1) DISTANCE TO 4B	(1) DISTANCE TO RUNWAY 16.6126 NM	B. HEIGHT OF STRUCTURE, INCLUDING APPURTENANCES AND LIGHTS (ABOVE GROUND LEVEL) 325'
LONGITUDE 85° 53' 10.82"	(2) DIRECTION TO 4B	(2) DIRECTION TO AIRPORT 174 degrees	C. OVERALL HEIGHT (AMSL) (A+B) 1024'

6. OBSTRUCTION MARKING & LIGHTING

	YES	NO
A. MARKED FOR THE PROTECTION OF AIR NAVIGATION (FLAGS, SPHERES, ETC.)	<input type="checkbox"/>	<input type="checkbox"/>
B. OBSTRUCTION MARKED IN ACCORDANCE WITH 602KAR 50:100 (FAA AC 70/7460-1J)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. OBSTRUCTION LIGHTED IN ACCORDANCE WITH 602KAR 50:100 (FAA AC 70/7460-1J)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. HAS "NOTICE OF CONSTRUCTION OR ALTERATION" (FORM 7460-1) BEEN FILED WITH THE FEDERAL AVIATION ADMINISTRATION? YES NO IF SO WHEN? 11/24/99

8. CERTIFICATION - I HEREBY CERTIFY THAT ALL THE ABOVE STATEMENTS MADE BY ME ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY Shawn A. Dunlap
Shawn A. Dunlap, Regulatory Administrator

DATE 11/24/99

PENALTIES - PERSONS FAILING TO COMPLY WITH KENTUCKY REVISED STATUTES AND KENTUCKY AIRPORT ZONING COMMISSION ADMINISTRATIVE REGULATIONS ARE LIABLE FOR FINES OR IMPRISONMENT AS SET FORTH IN KRS 183.990(3). NON-COMPLIANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS MAY RESULT IN FURTHER PENALTIES

COMMISSION ACTION

___ CHAIRMAN, KAZC (OR) ___ ADMINISTRATOR, KAZC

APPROVED _____

DISAPPROVED _____

DATE _____

JURISDICTION

602 KAR 50-030

TC 56-50 (Rev. 01/96) PAGE 2 OF 2

SECTION 1. THE COMMISSION HAS ZONING JURISDICTION OVER THAT AIRSPACE OVER AND AROUND THE PUBLICLY OWNED AIRPORTS WITHIN THE COMMONWEALTH WHICH LIES ABOVE THE IMAGINARY SURFACE THAT EXTENDS OUTWARD AND UPWARD AT ONE OF THE FOLLOWING SLOPES:

- (1) ONE HUNDRED (100) TO ONE (1) FOR A HORIZONTAL DISTANCE OF TWENTY THOUSAND (20,000) FEET FROM THE NEAREST POINT OF THE NEAREST RUNWAY OF EACH PUBLICLY OWNED AIRPORT WITH AT LEAST ONE (1) RUNWAY THREE THOUSAND TWO HUNDRED (3,200) OR MORE FEET IN LENGTH, OR
- (2) FIFTY (50) TO ONE (1) FOR A HORIZONTAL DISTANCE OF TEN THOUSAND (10,000) FEET FROM THE NEAREST POINT OF THE NEAREST RUNWAY OF EACH PUBLICLY OWNED AIRPORT WITH ITS LONGEST RUNWAY LESS THAN THREE THOUSAND TWO HUNDRED (3,200) FEET IN LENGTH.

SECTION 2. THE COMMISSION HAS ZONING JURISDICTION OVER THE USE OF LAND AND STRUCTURES WITHIN PUBLICLY OWNED AIRPORTS WITHIN THE STATE.

SECTION 3. THE COMMISSION HAS JURISDICTION FROM THE GROUND UPWARD WITHIN THE LIMITS OF THE PRIMARY AND APPROACH SURFACES OF EACH PUBLICLY OWNED AIRPORT AS DEPICTED ON AIRPORT ZONING MAPS APPROVED BY THE KENTUCKY AIRPORT ZONING COMMISSION.

SECTION 4. THE COMMISSION HAS JURISDICTION OVER THE AIRSPACE OF THE COMMONWEALTH THAT EXCEEDS TWO HUNDRED (200) FEET IN HEIGHT ABOVE GROUND LEVEL.

SECTION 5. THE OWNER OR PERSON WHO HAS CONTROL OVER A STRUCTURE WHICH PENETRATES OR WILL PENETRATE THE AIRSPACE OVER WHICH THE COMMISSION HAS JURISDICTION SHALL APPLY FOR A PERMIT FROM THE COMMISSION IN ACCORDANCE WITH 602 KAR 50-090.

INSTRUCTIONS

1. "ALTERATION" MEANS TO INCREASE OR DECREASE THE HEIGHT OF A STRUCTURE OR CHANGE THE OBSTRUCTION MARKING AND LIGHTING.
2. "APPLICANT" MEANS THE PERSON WHO WILL OWN OR HAVE CONTROL OVER THE COMPLETED STRUCTURE.
3. "CERTIFICATION BY APPLICANT" SHALL BE MADE BY THE INDIVIDUAL WHO WILL OWN OR CONTROL THE COMPLETED STRUCTURE; OR A PARTNER IN A PARTNERSHIP; OR THE PRESIDENT OR AUTHORIZED OFFICER OF A CORPORATION, COMPANY OR ASSOCIATION; OR THE AUTHORIZED OFFICIAL OF A BODY POLITIC, OR THE LEGALLY DESIGNATED REPRESENTATIVE OF A TRUSTEE, RECEIVER OR ASSIGNEE.
4. PREPARE THE APPLICATION AND FORWARD TO THE ADMINISTRATOR, KENTUCKY AIRPORT ZONING COMMISSION, DIVISION OF AERONAUTICS, 125 HOLMES STREET, FRANKFORT KY 40622. FOR QUESTIONS TELEPHONE 502-564-4480.
5. THE STATUTES APPLICABLE TO THE KENTUCKY AIRPORT ZONING COMMISSION ARE KRS 183.861 TO 183.990 AND ADMINISTRATIVE REGULATIONS 602 KAR CHAPTER 50.
6. WHEN APPLICABLE, ATTACH THE FOLLOWING APPENDICES TO THE APPLICATION:
APPENDIX A. A 7.5 MINUTE QUADRANGLE TOPOGRAPHICAL MAP PREPARED BY THE U.S. GEOLOGICAL SURVEY AND THE KENTUCKY GEOLOGICAL SURVEY WITH THE LOCATION OF THE STRUCTURE WHICH IS THE SUBJECT OF THE APPLICATION INDICATED THEREON. (THE 7.5 MINUTE QUADRANGLE MAP MAY BE OBTAINED FROM THE KENTUCKY COMMERCE CABINET, MAP SALES OFFICE, 133 HOLMES STREET, FRANKFORT KY 40601, OR THE KENTUCKY GEOLOGICAL SURVEY, DEPARTMENT OF MINES AND MINERALS, LEXINGTON KY 40506).

APPENDIX B. FOR STRUCTURES ON OR VERY NEAR TO PROPERTY OF A PUBLICLY OWNED AIRPORT, A COPY OF THE AIRPORT LAYOUT DRAWING (ALP). (THE ALP MAY BE OBTAINED FROM THE CHAIRMAN OF THE LOCAL AIRPORT BOARD OR THE DIVISION OF AERONAUTICS, 125 HOLMES STREET, FRANKFORT KY 40622).

APPENDIX C. COPIES OF THE FEDERAL AVIATION ADMINISTRATION APPLICATIONS (FAA FORM 7460-1) OR ANY ORDERS ISSUED BY THE MANAGER, AIR TRAFFIC DIVISION, FAA REGIONAL OFFICE.

APPENDIX D. IF THE APPLICANT HAS INDICATED IN ITEM NUMBER 6 OF THE APPLICATION THAT THE STRUCTURE WILL NOT BE MARKED OR LIGHTED IN ACCORDANCE WITH THE REGULATIONS OF THE COMMISSION, THE APPLICANT SHALL ATTACH A WRITTEN REQUEST FOR A DETERMINATION BY THE COMMISSION THAT THE MARKING AND LIGHTING IS NOT NECESSARY. THE APPLICANT SHALL SPECIFICALLY STATE THE REASONS THAT ABSENCE OF MARKING AND LIGHTING WILL NOT IMPAIR THE SAFETY OF AIR NAVIGATION.

APPENDIX E. IF THE STRUCTURE TO BE CONSTRUCTED OR ALTERED IS FOR THE PURPOSE OF RADIO TRANSMITTING, THEN THE APPLICANT SHALL ATTACH A TRUE COPY OF THE ENGINEER'S APPLICATION FOR A LICENSE FROM THE FEDERAL COMMUNICATIONS COMMISSION.

APPENDIX F. THE OVER ALL HEIGHT IN FEET OF THE OVERHEAD TRANSMISSION LINE OR STATIC WIRE ABOVE GROUND LEVEL OR MEAN WATER LEVEL WITH SPAN LENGTH 1,000 FEET AND OVER SHALL BE DEPICTED ON A BLUE PRINT PROFILE MAP.

PENALTIES

1. PERSONS FAILING TO COMPLY WITH THE AIRPORT ZONING COMMISSION STATUTES AND REGULATIONS ARE LIABLE FOR A FINE OR IMPRISONMENT AS SET FORTH IN KRS 183.990(3).
2. APPLICANTS ARE CAUTIONED THAT NON-COMPLIANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS MAY PROVIDE FOR FURTHER PENALTIES.



**GEOTECHNICAL ENGINEERING STUDY
CROWN COMMUNICATIONS
PROPOSED TOWER KY 263-108-00A
426 G. HIGHBAUGH STREET
BONNIEVILLE, KENTUCKY
ATC PROJECT NO. 13000.9113**

Prepared For:

*Crown Communications.
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299*

Attention: Mr. George Zaharis



2815 Watterson Trail
Louisville, Kentucky 40299
502.267.8355
Fax 502.267.8528

October 28, 1999

Crown Communications
1001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299

Attention: Mr. George Zaharis

Re: Geotechnical Engineering Study
Proposed Bonnieville Communications Tower
426 G. Highbaugh Street
Bonnieville, Kentucky
ATC Project No. 13800.9113

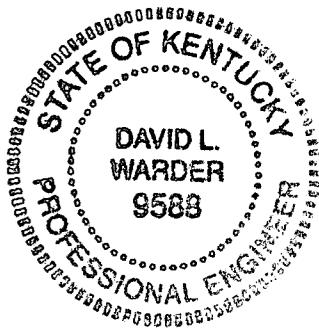
Gentlemen:

Transmitted herewith is our geotechnical engineering report for the referenced project as authorized in accordance with our January 15, 1998 proposal for environmental and geotechnical support services. This report contains our findings, an engineering interpretation of these findings with respect to the available project characteristics, and recommendations to aid design and construction of the tower foundations. We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please contact our office.

Cordially,

ATC Associates Inc.

Michael A. Hightchew, EIT
Staff Engineer



David L. Warder, PE
Regional Geotechnical Engineer

Copies submitted: (4) Mr. George Zaharis; Crown Communications

LETTER OF TRANSMITTAL

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APPENDIX

SITE VICINITY MAP
GEOTECHNICAL BORING LOG
SOIL SAMPLE CLASSIFICATION

GEOTECHNICAL ENGINEERING INVESTIGATION

Proposed Communications Transmission Tower

KY 263-108-00A
426 G. Highbaugh Street
Bonnieville, Kentucky
ATC Project No. 13000.9113

1. PURPOSE AND SCOPE

The purpose of this study was to determine the general subsurface conditions at the location of the proposed tower by drilling three soil test borings and to evaluate this data with respect to foundation concept and design for the proposed tower and guy anchors. Due to steep gradient and rock outcroppings, it was not possible to drill the north guy anchor. Also included is an evaluation of the site with respect to potential construction problems and recommendations dealing with quality control during construction.

2. PROJECT CHARACTERISTICS

Crown Communications is planning to construct a guyed communications tower at 426 G. Highbaugh Street in Bonnieville, Hart County, Kentucky. The proposed tower location is shown on the Boring Location Plan in the Appendix. At the time of our field exploration, the site was partially wooded.

The tower will reportedly be about 350 feet in height and will be supported on a concrete foundation with guy anchors radiating from the tower 120 degrees apart. The guy cables will be secured by concrete dead-weight anchors located approximately 250 feet from the tower center. No foundation design loads have been provided. We assume that the maximum downward load on the tower will not exceed about 200 kips and that the maximum uplift and lateral forces in the

guy anchors will be in the range of 75 to 100 kips/anchor. The development will also include a small equipment building near the base of the tower.

3. SUBSURFACE CONDITIONS

The subsurface conditions were explored by drilling test borings at the proposed tower location and two of the three proposed anchor locations, which were staked in the field by the project surveyor. The Geotechnical Soil Test Boring Logs, which are included in the Appendix, describe the materials and conditions encountered. A sheet defining the terms and symbols used on the boring logs and explaining the Standard Penetration Test (SPT) procedure can also be found in the Appendix. The general subsurface conditions disclosed by the test borings are discussed in the following paragraphs.

According to the United States Geological Survey, Upton, Kentucky geologic quadrangle map, the site is underlain by the St. Genevieve Mississippian age limestone bedrock formations. The soil/bedrock interface associated with these formations tends to be highly irregular and the depth to rock can vary abruptly over short horizontal distances. This formation is prone to dissolution and the subsequent development of karst features such as sinkholes, widened vertical joints and horizontal bedding planes.

About 6 inches of topsoil were encountered at the ground surface at each boring location. The borings then encountered apparently natural clay (CH) of relatively high plasticity throughout the depths investigated. The SPT N-values in the clayey soils ranged from 10 to 37 blows per foot, indicating a medium stiff to hard consistency. Pocket penetrometer values used to estimate the unconfined compressive strength of cohesive soil ranged from 4.0 to 6.0 tons per square foot. The anchor borings were terminated at the scheduled depths of 15 feet, while the tower boring encountered auger refusal at 16 feet below the existing ground surface. A ten foot core run was

made in boring B-1 from 16 to 26 feet below the ground surface and revealed gray limestone that was relatively hard and ranged from hard and moderately weathered to only slightly weathered.

Groundwater observations made at completion of soil drilling operations indicated the borings to be dry. It must be noted, however, that short term water readings in clayey soils are not necessarily a reliable indication of the actual groundwater level. Furthermore, it must be emphasized that the groundwater level is generally not stationary, but will fluctuate seasonally.

According to the Seismic Zone Map of the United States, Bonnieville, Kentucky is within Zone 1. In this system, Zone 3 is the most seismically active while Zone 0 has the lowest earthquake potential. Considering the subsurface conditions encountered at the site as they relate to Table 16-J in the 1997 Uniform Building Code, the soil-profile type is S_c .

4. FOUNDATION DESIGN RECOMMENDATIONS

The following design recommendations have been developed on the basis of the previously described project characteristics (Section 2.0) and subsurface conditions (Section 3.0). Particular care should be taken during construction to identify any conditions that vary from those described in Section 3.0, particularly at the location of the north guy anchor, where it was not possible to drill during this investigation. This office should be notified if variable conditions are noted, the project description included herein is incorrect, or if the proposed structure location is changed to establish whether revisions to the following recommendations are necessary.

4.1. Tower Foundation

Our findings indicate that the proposed tower can be supported on a spread footing bearing at or below a depth of 2.5 feet below the existing ground surface. The footing can be designed for a net allowable soil pressure of 3,000 lbs/sq.ft. It is important that the foundation excavation be carefully inspected as described in Section 5.1 to insure that the foundation will bear on suitable material.

The site is underlain by limestone bedrock that is susceptible to dissolution and the subsequent development of karst features such as voids and sinkholes in the natural soil overburden. Construction in a sinkhole prone area is accompanied by some risk of internal soil erosion and ground subsidence. While it is not possible to investigate or design to completely eliminate the possibility of future sinkhole related problems, compliance with the recommendations set forth in this report can help to reduce this risk. In any event, it is important that the owner understand and accept this risk.

In using net pressures, the weight of the foundation and backfill over the foundation need not be considered; hence, only loads applied at or above the existing ground surface elevation need to be used for dimensioning the foundation. The bottom of the tower foundation should bear at a depth of at least 2.5 feet below the final exterior grade for frost protection.

It is estimated that resulting foundation settlement should not exceed about 0.75 inches. Careful field control will contribute substantially to minimizing the settlements.

4.2. Guy Anchors

The guy anchor blocks must be designed to resist both the uplift and horizontal components of the guy cable forces. The uplift force can be resisted by the dead weight of the anchor block as well as the soil material that is placed over the anchor block. Unless a very high factor of safety is used, only the weight of the soil immediately above and within the perimeter of the anchor block should be used in calculating uplift resistance. A total soil unit weight of 120 lbs/cu. ft. can be used for the backfill material that is placed above the anchor blocks, provided it is compacted as recommended in Section 5.2. Using this procedure, it is recommended that a safety factor of at least 1.2 be used for calculating uplift resistance from an anchor block, provided only the weight of the anchor block and the soil immediately above it are used to resist uplift forces.

The horizontal component of the guy force is resisted by the "passive" earth pressure that is developed along the face of the anchor block. It is recommended that an allowable passive pressure of 1000 lb./sq.ft. be used for that portion of the anchor block that is below a depth of 2.0 feet. No passive resistance should be included for any portion of the anchor block that is located within the upper 2.0 feet.

4.3. Equipment Building

The equipment building may be supported on shallow, spread footings bearing in the shallow clay soil and designed for a net allowable soil pressure of 3,000 pounds per square foot. The footings should be at least ten inches wide and should bear at a depth of at least 30 inches to minimize the effects of frost action. Any topsoil, frozen or excessively soft material must be removed beneath footings.

The floor slab for the new equipment building may be subgrade supported on a properly prepared subgrade. The slab should be designed and adequately reinforced to resist the loads proposed. The exposed subgrade should be carefully inspected by probing and testing as needed. Any organic material (topsoil) still in place, frozen or excessively soft soil and other undesirable materials should be removed.

Once the subgrade has been properly prepared and evaluated, fill may be placed to attain desired final grades. Any non-organic, naturally occurring, non-expansive soils can be used for structural fill, including those encountered on this site, pending evaluation by the geotechnical engineer.

All engineered fill should be compacted to a dry density of at least 100 percent of the standard Proctor maximum dry density (ASTM D698). The compaction should be accomplished by placing the fill in about eight inch loose lifts and mechanically compacting each lift to at least the specified density. Field tests should be performed on each lift as necessary to insure that adequate compaction is being achieved.

Surface run-off water should be drained away from the foundation excavations and not allowed to pond. It is recommended that all foundation concrete be placed the same day the excavation is made.

5. GENERAL CONSTRUCTION PROCEDURES AND RECOMMENDATIONS

It is possible that variations in subsurface conditions will be encountered during construction. It is recommended that the geotechnical engineer or a representative be retained to perform continuous inspection and review during construction of the soils-related phases of the work. This will permit correlation between the test boring data and the actual soil conditions encountered during construction.

5.1. Tower Foundation Excavation

The tower foundation excavation should be inspected by the geotechnical engineer or a qualified soils technician to insure that all undesirable material is removed and that the foundation will bear on satisfactory material as decried in Section 4.1. At the time of such inspection, it will be necessary to make hand auger borings or use a hand penetration device in the base of the foundation excavation to insure that the soils below the base are satisfactory for foundation support. The necessary depth of penetration will be established during inspection.

If undercutting is required in order to remove unsuitable materials at the tower foundation location, the foundation bearing elevation may be re-established by backfilling after all undesirable materials have been removed or the foundation can be placed at the lower depth. The undercut excavation beneath the foundation should extend to suitable bearing soils and the dimensions of the excavation base should be determined by imaginary planes extending outward and down on a 2 (vertical) to 1 (horizontal) slope from the base perimeter of the foundation. The entire excavation should than be refilled with a well-compacted granular fill as described in Section 5.2 or lean concrete may be used. Special care should be exercised to remove any

sloughed, loose or soft materials near the base of the excavation slopes with benches as necessary, to insure that no pockets of loose or soft materials will be left in place along the excavation slopes below the foundation bearing level.

Soils exposed in the base of the foundation excavation should be protected against any detrimental changes in conditions such as from disturbance, rain and freezing. Surface run-off water should be drained away from the excavation and not allowed to pond. If possible, all concrete should be placed that same day the excavation is made. If this is not practical, the excavation should be adequately protect.

5.2. Fill Compaction

All engineered fill placed adjacent to and above the tower foundation and guy anchor blocks should be compacted to a dry density of at least 95 percent of the standard Proctor maximum dry density (ASTM D-698). This minimum compaction requirement should be increased to 100 percent for any fill placed below the tower foundation bearing elevation. Any fill placed beneath the tower foundation should be limited to well-graded sand and gravel or crushed stone. The compaction should be accomplished by placing the fill in about 8 inch (or less) loose lifts and mechanically compacting each lift to at least the specified minimum dry density. Field density tests should be performed on each lift as necessary to insure that adequate moisture conditioning and compaction is being achieved.

Compaction by flooding is not considered acceptable. This method will generally not achieve the desired compaction and the large quantities of water will tend to soften the foundation soils.

5.3. Construction Dewatering

No serious dewatering problems are anticipated. At the time of our investigation, the ground water level appeared to be below the anticipated excavation depths. However, depending upon seasonal conditions, some minor seepage into excavations may be experienced. It is anticipated that any such seepage can be handled by conventional dewatering methods such as pumping from sumps.

6. FIELD INVESTIGATION

One boring was drilled at the proposed tower center and one was drilled at the southwest and southeast anchor locations, all of which were established in the field by the project surveyor. It was not possible to gain access to the north guy anchor location. Split-spoon samples were obtained by the Standard Penetration Test (SPT) procedure (ASTM D1586) in the overburden portion of the test borings. The anchor borings were terminated at the scheduled depths of 15 feet, while the tower boring encountered auger refusal at 16 feet below existing grade. The bedrock was cored between depths of 16 and 26 feet in Boring B-1. Representative portions of the soil samples were sealed in glass jars and returned to our laboratory.

The boring logs are included in the Appendix along with a sheet defining the terms and symbols used on the logs and an explanation of the Standard Penetration Test (SPT) procedure. The logs present visual descriptions of the soil strata encountered, Unified System soil classifications, groundwater observations, sampling information, laboratory test results, and other pertinent field data and observations.

7. LABORATORY INVESTIGATION

The split-spoon samples were inspected and visually classified by a geotechnical engineer in general accordance with the Unified Soil Classification System and the field boring log was edited as necessary. To aid in classifying the soil samples and to check the general soil characteristics pocket penetrometer tests were performed on selected samples. The results of these tests are included on the boring logs.

8. WARRANTY AND LIMITATIONS OF STUDY

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties, either express or implied. ATC Associates Inc. is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

A geotechnical study is inherently limited since the engineering recommendations are developed from information obtained from a test boring that only depicts subsurface conditions at the specific location, time and depth shown on the log. Soil conditions at other locations may differ from those encountered in the test boring, and the passage of time may cause the soil conditions to change from those described in this report.

The nature and extent of variation and change in the subsurface conditions at the site may not become evident until the course of construction. Construction monitoring by the geotechnical engineer or a representative is therefore considered necessary to verify the subsurface conditions and to check that the soils connected construction phases are properly completed. If significant variations or changes are in evidence, it may then be necessary to reevaluate the recommendations

of this report. Furthermore, if the project characteristics are altered significantly from those discussed in this report, if the project information contained in this report is incorrect, or if additional information becomes available, a review must be made by this office to determine if any modification in the recommendations will be required.

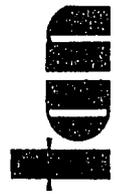
APPENDIX

BORING LOCATION PLAN
GEOTECHNICAL BORING LOG
SOIL SAMPLE CLASSIFICATION



375 SOUTHPOINTE BLVD.
 CANONSBURG
 PENNSYLVANIA, 15317
 OFFICE: (724) 416-2247
 FAX: (724) 416-2254

T. Alan Neal Company



(502) 635-5866
 FAX: 636-5263

City Engineering
 428 Westport Street
 Louisville, Kentucky 40217

ECHO NUMBER:
 263-108-004

SITE NAME:
 BONNEVILLE

SITE ADDRESS:
 426 G. HIGHBAUGH ROAD
 BONNEVILLE, KY. 42784

AREA:
 LEASE AREA = 10,000 sq. ft.

PROPERTY OWNER:
 MICHAEL & GLADYS OLSHEFSKI
 426 G. HIGHBAUGH ROAD
 BONNEVILLE, KY. 42784

TAX MAP NUMBER:
 50

PARCEL NUMBER:
 14

SOURCE OF TITLE:
 DEED BOOK 233, PAGE 566

DWG BY: JMW
 CHKD BY: FSJ
 DATE: 10/20/99

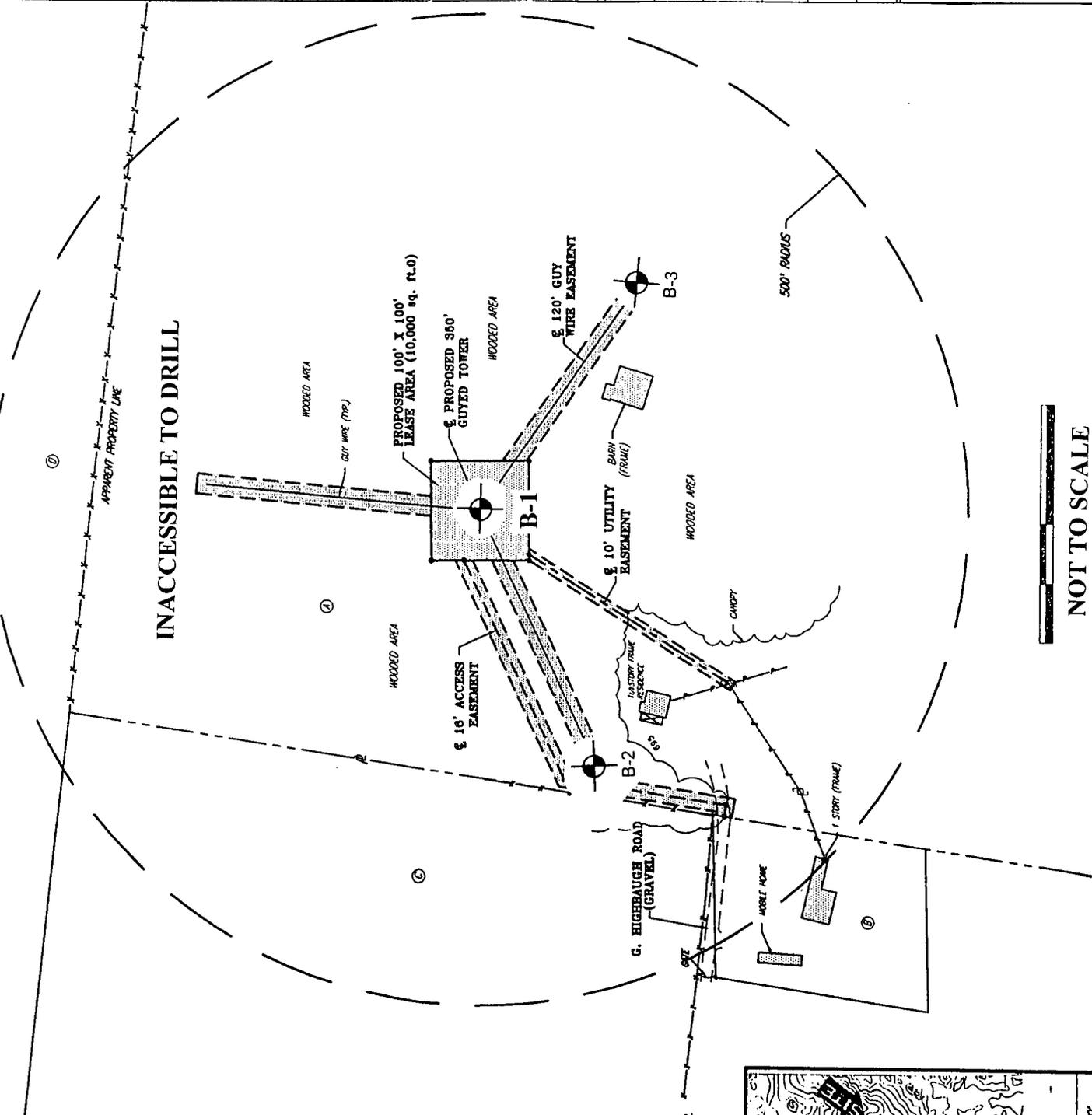
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 T-2701

SHEET 1 OF _____

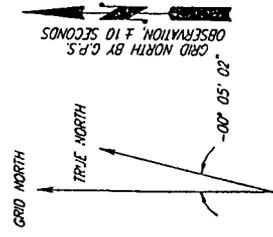
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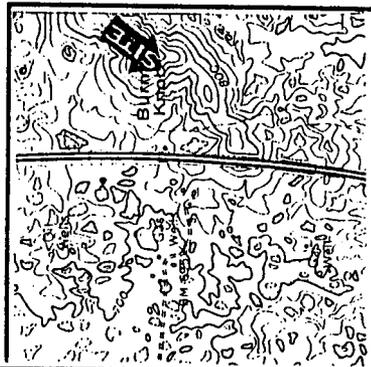
INACCESSIBLE TO DRILL



- SHEET 1
- VICINITY AND 500' STRUCTURAL MAP
 - ABUTTING PROPERTY OWNERS
 - U.S.G.S. QUAD MAP
- SHEET 2
- LEASE AREA
 - LEGAL DESCRIPTIONS
 - FLOOD ZONE DATA



NOTE: THIS IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM SOUTH ZONE AND WAS DETERMINED BY COMPUTATION FROM G.P.S. OBSERVATION ON SEPTEMBER 23, 1999.



U.S.G.S. 7 1/2 MINUTE QUAD MAP OF UPTON, KY.

NOT TO SCALE

CLIENT: Crown Communications
PROJECT: Proposed Tower KY 263-108-00A
LOCATION: 426 G. Highbaugh Street, Bonnieville, KY

BORING NUMBER: B-2
PROJECT NUMBER: 13000.9113
PROJECT MANAGER: Mike Hightchew

Surface Elevation:
Date Started: 10/27/99
Date Completed: 10/27/99

Hammer Weight: 140 lbs.
Hammer Drop: 30 in.
Drill Foreman: Jim Wharton

Hole Dia.: 6.5 in.
Boring Method: HSA
Supervisor: Beth Stuber

ELEV	MATERIAL DESCRIPTION	LAYER DEPTH & TYPE	DEPTH SCALE	SAMPLE DATA						NOTES
				NO	BLOWS	TYPE	REC	w,%	PP,tsf	
	Topsoil	0.5		1	5-6-6	SPT	100		5.7	Approximately 6 inches of topsoil
	Clay (CH) - red, stiff			2	7-8-6	SPT	100		6.0	
				3	9-6-7	SPT	100		4.2	
			5	4	10-8-9	SPT	100		5.7	
	- very stiff		10	5	14-11-13	SPT	100		6.0	
	- hard		15	6	17-21-16	SPT	100		4.2	
	TERMINATED	15.0								Borehole was dry at the completion of boring activities
			20							
			25							
			30							
			35							

GEOTECHNICAL 13000113.GPJ 10/29/99

CLIENT: Crown Communications
PROJECT: Proposed Tower KY 263-108-00A
LOCATION: 426 G. Highbaugh Street, Bonnieville, KY

BORING NUMBER: B-3
PROJECT NUMBER: 13000.9113
PROJECT MANAGER: Mike Hightchew

Surface Elevation:
Date Started: 10/27/99
Date Completed: 10/27/99

Hammer Weight: 140 lbs.
Hammer Drop: 30 in.
Drill Foreman: Jim Wharton

Hole Dia.: 6.5 in.
Boring Method: HSA
Supervisor: Beth Stuber

ELEV	MATERIAL DESCRIPTION	LAYER DEPTH & TYPE	DEPTH SCALE	SAMPLE DATA						NOTES	
				NO	BLOWS	TYPE	REC	w,%	PP,tsf		
	Topsoil	0.5									
	Clayey silt (ML-CL) - brown, stiff	1.5		1	5-7-7	SPT	100		4.0	Approximately 6 inches of topsoil	
	Clay (CH) - red, stiff - very stiff - black nodules			2	9-7-6	SPT	100		4.9		
				3	10-8-9	SPT	100		5.7		
				4	11-12-10	SPT	100		5.5		
				5	13-15-12	SPT	100		5.1		
				6	11-10-11	SPT	100		4.4		
	TERMINATED	15.0								Borehole was dry at the completion of boring activities	

MATERIAL GRAPHICS LEGEND

 - Asphalt

 - Concrete

 - Topsoil

 - Fill

 - Reinforced Concrete

 - Cinders & Ash

 - CL, Low Plasticity Lean Clay

 - CH, High Plasticity Lean Clay

 - ML, Low Plasticity Inorganic Silt

 - MH, High Plasticity Inorganic Silt

 - OL, Low Plasticity Organic Silts and Clays

 - OH, High Plasticity Organic Silts and Clays

 - Crawfish Soil, a mix of inorganic and organic silts

 - Peat, weathered organic material

 - SP, Poorly Graded Sand

 - SW, Well Graded Sand

 - SC, Clayey, Poorly Graded Sand

 - SM, Silty, Poorly Graded Sand

 - GP, Poorly Graded Gravel

 - GW, Well Graded Gravel

 - GC, Clayey, Poorly Graded Gravel

 - GM, Silty, Poorly Graded Gravel

 - Glacial Till

 - CL-CH, Typical Dual Classification, Low to High Plasticity Lean Clay

 - Claystone

 - Siltstone

 - Sandstone

 - Limestone

 - Shale

 - Limestone and Shale Interbeds

 - Dolomite

 - Partially Weathered Rock

 - Coal

ROCK CORE CLASSIFICATION

CONTINUITY

<u>Description</u>	<u>Core Recovery, %</u>
Incompetent	0 - 40
Competent	40 - 70
Fairly Continuous	70 - 90
Continuous	90 - 100

ROCK QUALITY (RQD)

<u>Description</u>	<u>RQD, %</u>
Very Poor	0 - 25
Poor	25 - 50
Fair	50 - 75
Good	75 - 90
Excellent	90 - 100

HARDNESS

<u>Description</u>	<u>Definition</u>
Very Soft	Can be broken with fingers
Soft	Can be scratched with fingernail
Moderately Hard	Only edges can be broken with fingers Can be easily scratched with knife
Hard	Cannot be scratched with fingernail Difficult to scratch with knife
Very Hard	Hard hammer blow to break specimen Cannot be scratched with knife Several hard hammer blows to break specimen

WEATHERING

<u>Description</u>	<u>Definition</u>
Completely	Rock decomposed to soil Rock fabric & structure completely destroyed
Highly	Most minerals are decomposed Texture indistinct but fabric preserved Strength greatly reduced
Moderately	Discoloration throughout and weaker minerals decomposed Texture preserved but strength less than fresh rock
Slightly	Discoloration around open fractures Strength preserved
Fresh	No sign of decomposition or discoloration

BEDDING

<u>Description</u>	<u>Thickness, inches</u>
Parting	less than 0.3
Band	0.3 - 2.5
Thin Bed	2.5 - 6.0
Medium Bed	6.0 - 12.0
Thick Bed	12.0 - 36.0
Massive	greater than 36



SOIL SAMPLE CLASSIFICATION

GRANULAR SOILS

(Silt, Sand, Gravel and Combinations)

Density

Very Loose	- 5 blows/ft. or less
Loose	- 6 to 10 blows/ft.
Medium Dense	- 11 to 30 blows/ft.
Dense	- 31 to 50 blows/ft.
Very Dense	- 51 blows/ft. or more

Particle Size Identification

Boulders	- 8 inch diameter or more
Cobbles	- 3 to 8 inch diameter
Gravel	- Coarse - 1 to 3 inch
	Medium - ½ to 1 inch
	Fine - ¼ to ½ inch
Sand	- Coarse - 2.00 mm to ¼ inch
	- Medium - 0.42 to 2.00 mm
	- Fine - 0.074 to 0.42 mm
	- Silt - 0.002 to 0.074 mm
Clay	- less than 0.002 mm

Relative Proportions

Percent

Trace	1 - 10
Little	11 - 20
Some	21 - 35
And	36 - 50

COHESIVE SOILS

(Clay, Silt and Combinations)

Consistency

Very Soft	- 3 blows/ft. or less
Soft	- 4 to 5 blows/ft.
Medium Stiff	- 6 to 10 blows/ft.
Stiff	- 11 to 15 blows/ft.
Very Stiff	- 16 to 30 blows/ft.
Hard	- 31 blows/ft. or more

Plasticity

Degree of Plasticity	Plasticity Index
None to Slight	0 - 4
Slight	5 - 7
Medium	8 - 22
High to Very High	over 22

Classification on logs are made by visual inspection of samples unless otherwise undicated.

Standard Penetration Test - Driving a 2.0" O.D., 1-3/8" I.D. split-spoon sampler a distance of 12 inches into undisturbed soil with a 140 pound hammer free falling a distance of 30 inches. The sample is initially driven 6 inches to penetrate into undisturbed soil, then the test is performed. The number of hammer blows for seating the spoon and making the test are recorded for each 6 inches of penetration on the boring log (Example: 6-8-9). The standard penetration test N-value can be obtained by adding the last two figures (i.e. 8+9=17 blows/ft.). (ASTM D-1586)

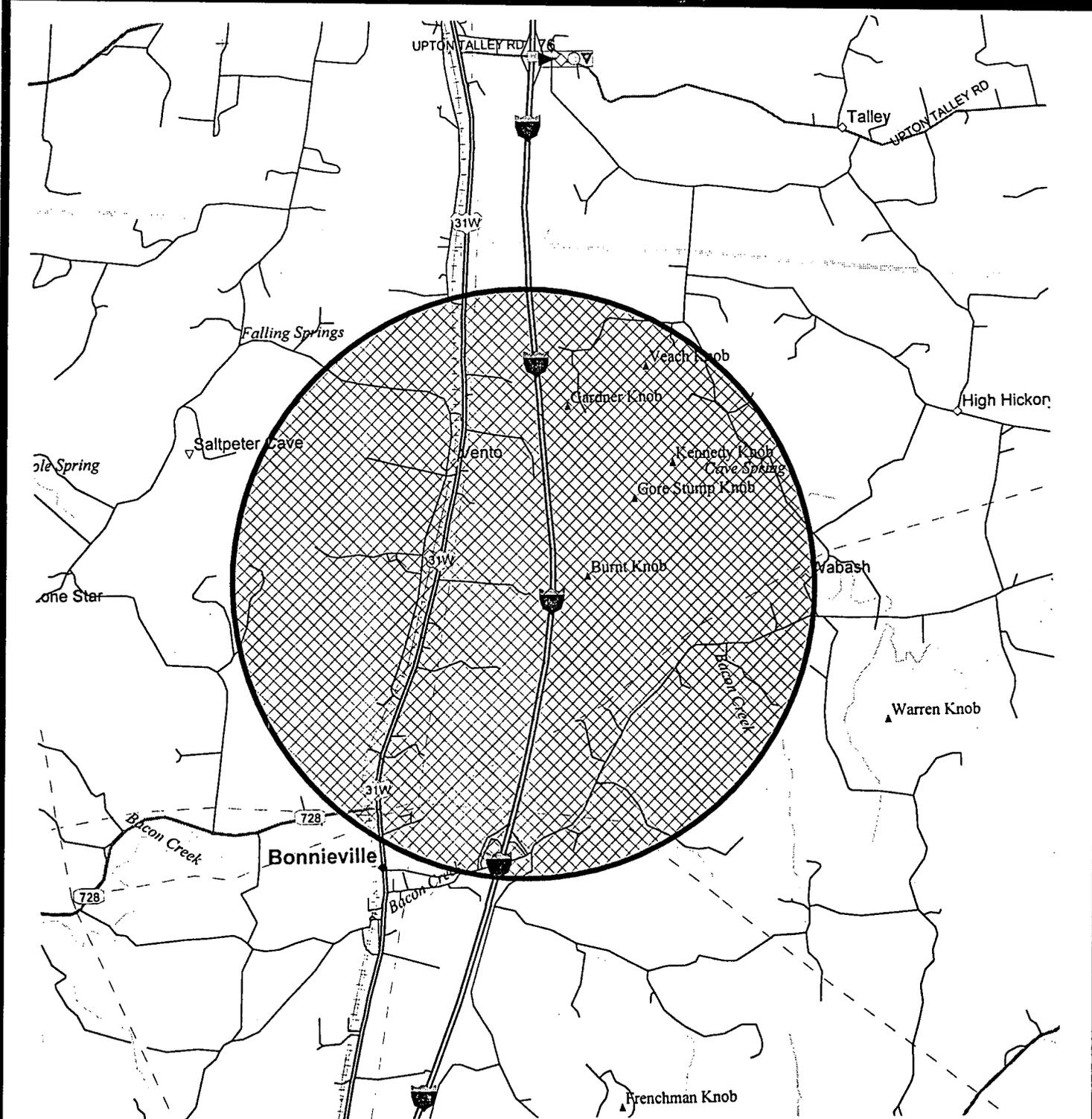
Strata Changes - In the column "Material Description" on the boring log, the horizontal lines represent strata changes. A solid line (___) represents an actually observed change, a dashed line (- - -) represents an estimated change.

Ground Water observations were made at the times indicated. Porosity of soil strata, weather conditions, site topography, etc. may cause changes in the water levels indicated on the logs.



EXHIBIT I
DIRECTIONS TO WCF SITE

CANDIDATE LOCATION MAP



I-65 North. Get off of Exit 71. Make right off of exit. Make another right onto 31W North. Go approximately 2 miles and make a right onto G. Highbaugh Road. Take G. Highbaugh all the way to the end. Site is at end of road to the left.

Prepared by: George Zaharis (502) 494-6543

*Proprietary, Restricted & Confidential
Pursuant to Company Instructions*

EXHIBIT J
COPY OF REAL ESTATE AGREEMENT

**MEMORANDUM OF
LEASE AGREEMENT**

THIS MEMORANDUM OF LEASE AGREEMENT ("Memorandum"), made this 5TH day of August, 1999, by and between Michael Olshefski, [unmarried/and Gladys Olshefski, his wife,] having a mailing address of 426 G. Highbaugh Road, Bonnierville, KY 42713 (hereinafter, "Lessor"), and CROWN COMMUNICATION INC., a Delaware corporation, doing business in Kentucky as CROWN COMMUNICATIONS, with an office address of 375 Southpointe Blvd., Canonsburg, Pennsylvania 15317 (hereinafter referred to as "Lessee").

WITNESSETH

1. Lessor and Lessee entered into a Lease Agreement dated _____ ("Lease"), of a portion of certain real property of Lessor located at 426 G. Highbaugh Road, Bonnierville, KY, Hart County, Kentucky, which real property is more particularly described on Exhibit A attached hereto.
2. That portion of said real property leased by Lessee is a 100 feet by 100 feet parcel of land [and 10 feet around all guy lines] together with a non-exclusive right of ingress and egress seven (7) days per week, twenty-four (24) hours per day, along a right-of-way extending from the nearest public right-of-way, together with the right to install, replace and maintain utility wires, poles, cables, conduits and pipes, which area is more particularly described and shown on Exhibit "B" attached hereto ("Leased Premises").
3. The Lease conveys to Lessee the right TO HAVE AND TO HOLD the Leased Premises for a term of up to One Hundred (100) years from the date of the Lease, unless earlier terminated in accordance with the terms of the Lease.
4. Lessor covenants to restrict, on the remainder of the parcel of which the Leased Premises is a part, the construction, installation or operation of any other wireless communications facilities which emit radio frequencies without the prior written consent of Lessee.
5. A copy of the Lease is on file with Lessor and Lessee.
6. This Memorandum constitutes a memorandum of the unrecorded Lease, all the terms and conditions of which are hereby made a part hereof with the same force and effect as though fully set forth herein and the terms of which control this Memorandum notwithstanding any inconsistency between the provisions hereof and the Lease.
7. The terms, covenants and provisions of the Lease and this Memorandum shall extend to and be binding upon the respective executors, administrators, heirs, successors and assigns of Lessor and Lessee.
8. Lessee certifies that Lessee's precise address is 375 Southpointe Blvd., Canonsburg, Pennsylvania 15317.

IN WITNESS WHEREOF, Lessor and Lessee have caused this Memorandum to be


L.S.

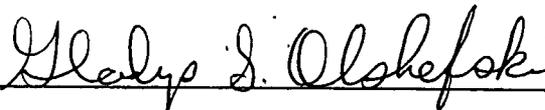
duly executed on the day and year first written above.

"LESSOR"

Michael Olshefski and Gladys Olshefski

[Print Name]

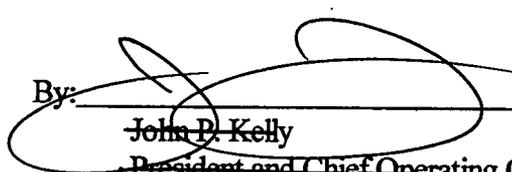




"LESSEE"

**CROWN COMMUNICATION INC.,
a Delaware corporation**

By: _____


~~John P. Kelly~~

~~President and Chief Operating Officer~~

Jimmy Taylor on behalf of John Binkley
Vice President and General Manager

Handwritten initials
J.P.

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF HART)

The foregoing instrument was subscribed, sworn to and acknowledged before me by
MICHAEL DLSHEFSKI and GLADYS DLSHEFSKI, on this 5th day of August, 1999.

Robert K. Rowe
Notary Public Ky at Ls.

My Commission expires: June 14, 2001

~~COMMONWEALTH OF PENNSYLVANIA~~)
) SS:
~~COUNTY OF WASHINGTON~~)

KENTUCKY ^{notary}

JEFFERSON ^{notary}

CORPORATE ACKNOWLEDGMENT

On this _____ day of _____, 1999, before me, the subscriber, a Notary Public, in and for the Commonwealth of ~~Pennsylvania~~ ^{KENTUCKY}, personally appeared ~~John P. Kelly, President and Chief Operating Officer~~ of Crown Communication Inc., a Delaware corporation, and in due form of law acknowledged that he is authorized on behalf of said corporation to execute all documents pertaining hereto and acknowledged to me that he executed the same as his voluntary act and deed on behalf of said corporation.

* JOHN BINKLEY, VICE PRESIDENT and General Manager, etc

IN TESTIMONY WHERE, I have hereunto set my hand and affixed my seal in said County and Commonwealth as of the day and year last above written.

Notary Public

My Commission expires: _____

PREPARED BY:

Norman W. Graham
WYATT, TARRANT & COMBS
500 West Jefferson Street Louisville, KY 40202 (502) 589-5235

EXHIBIT "A"
to
MEMORANDUM OF LEASE AGREEMENT

FULL LEGAL DESCRIPTION OF PROPERTY AND SOURCE OF TITLE

Tract No. 1: A certain tract or parcel of land lying in Hart Co., Ky., about 2 1/2 miles north of Bonnieville on L. & N. R.R. 1/2 mile east of Railroad, and bounded as follows:

And containing about 30 acres more or less and bounded as follows:

On North by Will Oneal, on East by lands of J.R. Ware, on the South by lands, L.A. Blair, on West the lands of Willie Moody and Dora Ash.

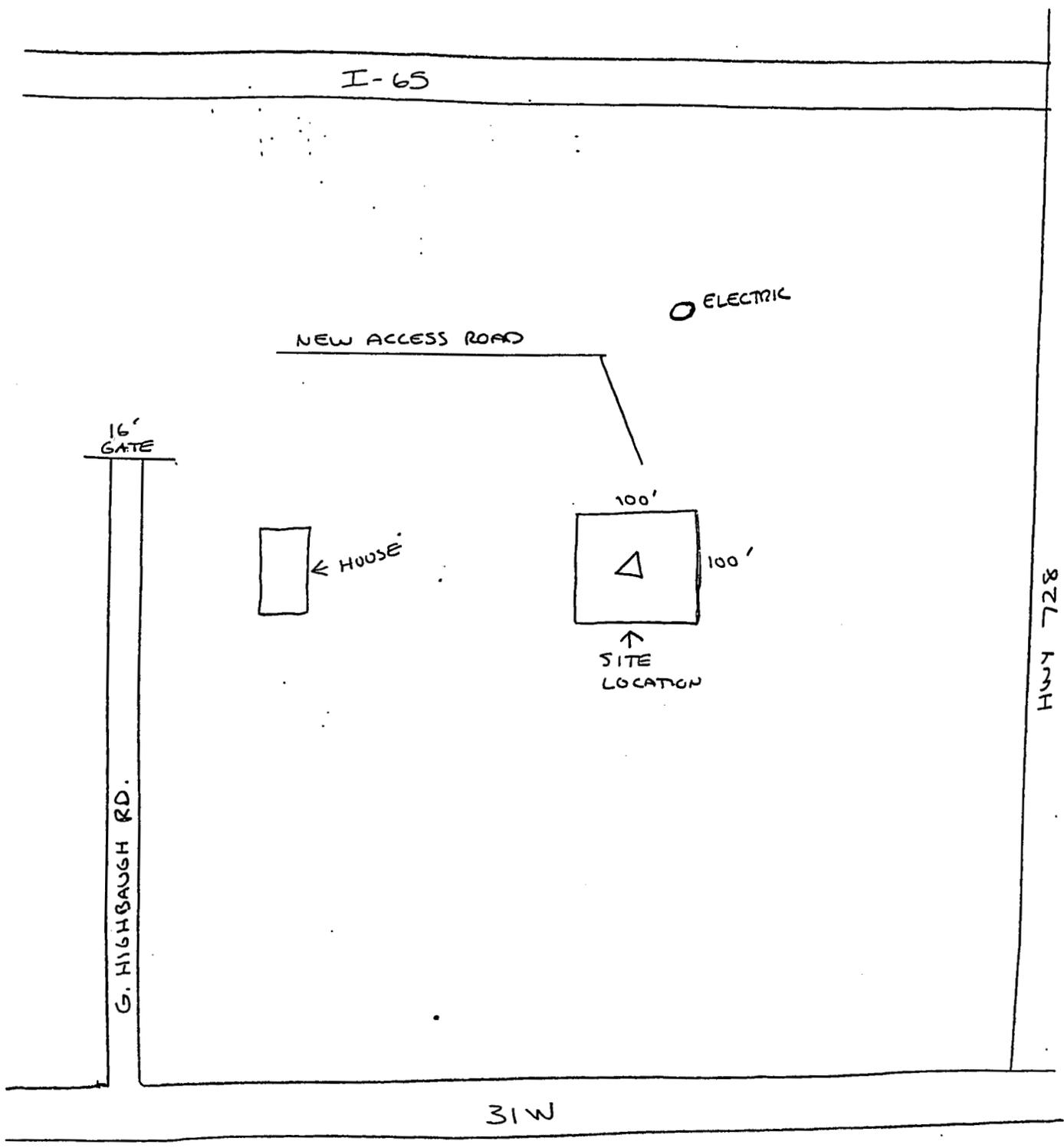
Tract No. 2: A certain tract or parcel of land lying in Hart County, Kentucky, and described as follows:

On the east side of the L. & N. Railroad about 2 1/2 miles North of Bonnieville, Ky., and bounded as stated on the north by now Floyd Dixon on the East side by Lewis Cotrell and on the south by land of Wash Hatfield and the West by land of Willie Moody, containing thirty 30 acres more or less.

Being the same property conveyed to MARSHALL DIXON and FRANCES DIXON McDOWELL from LOTTIE B. DIXON GIBSON, a widow, by General Warranty Deed dated the 7th day of June, 1976, and duly recorded in Deed Book 134, at Page 143 in the Office of the Hart County Clerk. Opal Dixon acquired her interest to the property by the Last Will and Testament of Marshall Dixon, duly recorded in Will Book 11, at Page 64 in the Office of the Hart County Clerk.

EXHIBIT "B"
to
MEMORANDUM OF LEASE AGREEMENT

SITE SURVEY



Hwy 728

MS

CERTIFICATION OF NOTIFICATION - EXHIBIT K
PSC Case # 99-469 Crown Ref.: 263-108 Called Bonnieville

1)
Hon. Terry Shelton
Hart County Judge Executive
P.O. Box 490
100 Courthouse Square
Munfordville, KY 42765No.:

2)
Michael and Gladys Olshefski
P.O. Box 53
Bonnieville, KY 42731

3)
George W. and Deloris Highbaugh
198 G. Highbaugh Road
Bonnieville, KY 42731

4)
James and Mary Rowlett
38 Cucumber Loop
Bonnieville, KY 42731

EXHIBIT L
COPY OF PROPERTY OWNER NOTIFICATION

December 10, 1999

Michael and Gladys Olshefski
P.O. Box 53
Bonnieville, KY 42731

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-469
Our Site No.: 263-108 Called Bonnieville

Dear Michael and Gladys:

Crown Communication Inc., Tritel Communications, Inc and Tritel Finance, Inc. have applied to the Public Service Commission of Kentucky ("PSC") for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300-foot tower with appurtenances attached to a maximum height of 320 feet, and a ground level equipment shelter to be located at 426 G. Highbaugh Road, Bonnieville, KY 42784. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-469 in your correspondence.

Feel free contact James Parkison, Project Manager at (502) 240-0044 ext. 15, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.



Lloyd McCarthy
For Crown Communication Inc.

December 10, 1999

George W. and Deloris Highbaugh
198 G. Highbaugh Road
Bonnieville, KY 42731

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-469
Our Site No.: 263-108 Called Bonnieville

Dear George and Deloris:

Crown Communication Inc., Tritel Communications, Inc and Tritel Finance, Inc. have applied to the Public Service Commission of Kentucky ("PSC") for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300-foot tower with appurtenances attached to a maximum height of 320 feet, and a ground level equipment shelter to be located at 426 G. Highbaugh Road, Bonnieville, KY 42784. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-469 in your correspondence.

Feel free contact James Parkison, Project Manager at (502) 240-0044 ext. 15, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.



Lloyd McCarthy
For Crown Communication Inc.

December 10, 1999

James and Mary Rowlett
38 Cucumber Loop
Bonnieville, KY 42731

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-469
Our Site No.: 263-108 Called Bonnieville

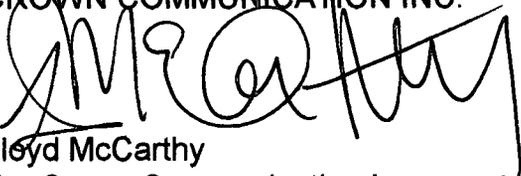
Dear James and Mary:

Crown Communication Inc., Tritel Communications, Inc and Tritel Finance, Inc. have applied to the Public Service Commission of Kentucky ("PSC") for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300-foot tower with appurtenances attached to a maximum height of 320 feet, and a ground level equipment shelter to be located at 426 G. Highbaugh Road, Bonnieville, KY 42784. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-469 in your correspondence.

Feel free contact James Parkison, Project Manager at (502) 240-0044 ext. 15, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.



Lloyd McCarthy
For Crown Communication Inc.

EXHIBIT M
COPY OF JUDGE EXECUTIVE NOTICE

December 10, 1999

Hon. Terry Shelton
Hart County Judge Executive
P.O. Box 490
100 Courthouse Square
Munfordville, KY 42765

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-469
Our Site No.: 263-108 Called Bonnieville

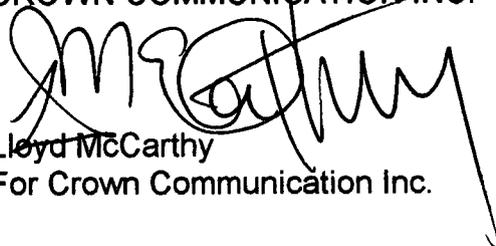
Honorable Judge Shelton:

Crown Communication Inc., Tritel Communications, Inc and Tritel Finance, Inc. have applied to the Public Service Commission of Kentucky ("PSC") for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300-foot tower with appurtenances attached to a maximum height of 320 feet, and a ground level equipment shelter to be located at 426 G. Highbaugh Road, Bonnieville, KY 42784. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you are the Judge Executive of Hart County.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-469 in your correspondence.

Feel free contact James Parkison, Project Manager at (502) 240-0044 ext. 15, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.



Lloyd McCarthy
For Crown Communication Inc.

EXHIBIT N
COPY OF POSTING NOTICES

Copies of Posting Notices – FORM 3

Crown Communication, Inc proposes to construct a

TELECOMMUNICATIONS TOWER

on this site. If you have questions, please contact the General Manager, Crown Communication, Inc., 11001 Bluegrass Parkway, Suite 330, Louisville, KY 40299, (502) 240-0044 or the Executive Director, Public Service Commission, 730 Schenkel Lane, P.O. Box 615, Frankfort, KY 40602.

Please refer to Case # 99-99-469 in your correspondence.

Crown Communication, Inc., proposes to construct a

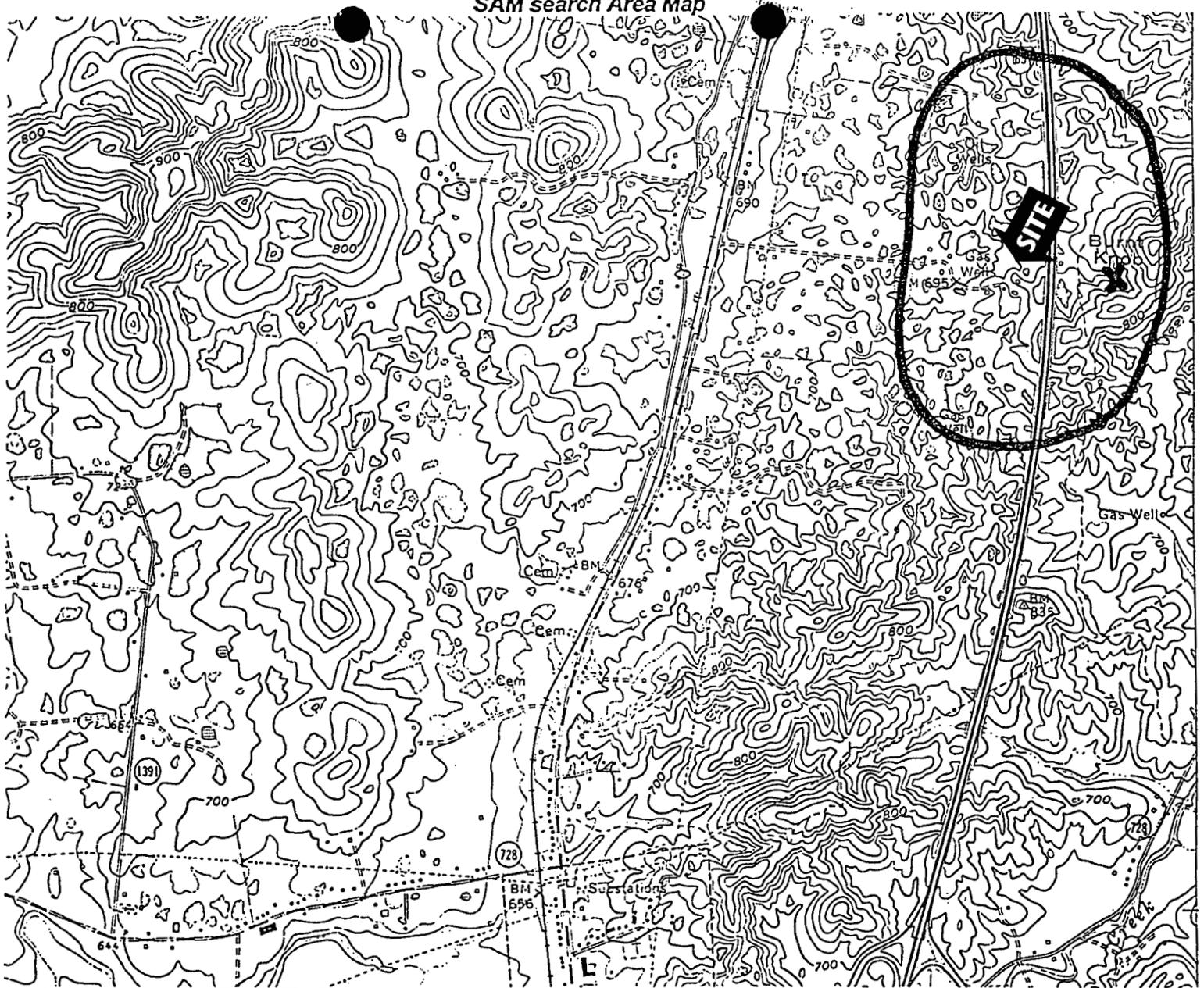
TELECOMMUNICATIONS TOWER

near this site. If you have questions, please contact the General Manager, Crown Communication, Inc., 11001 Bluegrass Parkway, Suite 330, Louisville, KY 40299, (502) 240-0044 or the Executive Director, Public Service Commission, 730 Schenkel Lane, P.O. Box 615, Frankfort, KY 40602.

Please refer to Case # 99-469 in your correspondence.

EXHIBIT O
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA

SAM search Area Map



Name	Bonnieville
Site Number	263-108-000
Latitude	37-24-18
Longitude	85-52-46
Ground Elevation (ft)	820
Radiation Center (AGL ft)	250
City, State	Bonnieville, KY

County	Hart Co
7 1/2 Minute Quadrangle	Upton
Issue Date	11/13/98
Elev Contour Int (ft)	10ft
NAD 83 / NAD 27	NAD 27
Search Ring Radius (mi)	0.50
No of Sectors/No of Antennas	2/6

Coverage Objectives US31 between Upton and Munfordville

FAA Height Restriction N/A

Preferred Candidates:

Name	Address	RF Preference
A.		
B.		
C.		
D.		

Issued by (RF): Satish Bhandare

EXHIBIT P
TOWER MAP FOR SUBJECT COUNTY

